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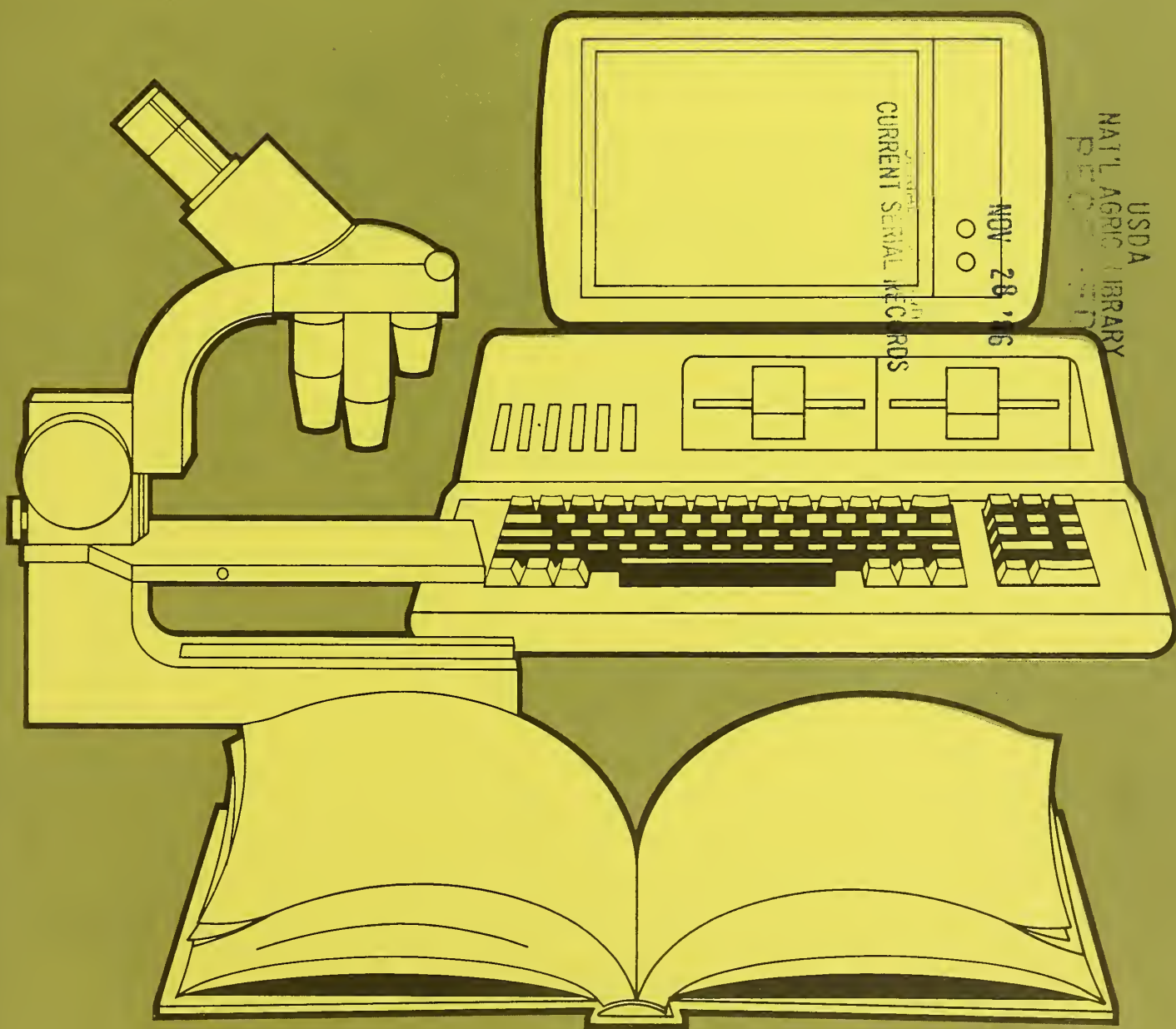
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Bibliographies
and Literature
of Agriculture
Number 53

The Protection of Citrus, 1979-March 1986

Citations from AGRICOLA Concerning Diseases and Other Environmental Considerations



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The Protection of Citrus, 1979-March 1986

Citations From AGRICOLA Concerning Diseases and Other Environmental Considerations

Compiled and Edited by
Charles N. Bebee
National Agricultural Library

Bibliographies and Literature
of Agriculture Number 53

United States Department of Agriculture
National Agricultural Library
Beltsville, Maryland 20705

and

United States Environmental Protection Agency
Office of Pesticide Programs
Washington, D.C. 20460

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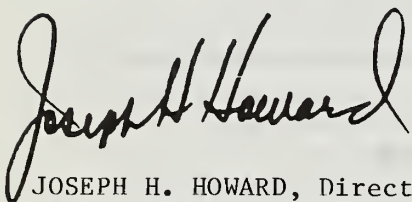
FOREWORD

This is the 13th volume in a series of commodity-oriented environmental bibliographies resulting from a memorandum of understanding between the United States Department of Agriculture, National Agricultural Library (USDA-NAL), and the Environmental Protection Agency, Office of Pesticide Programs (EPA-OPP).

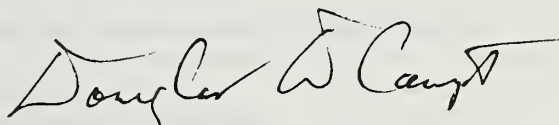
This close working relationship between the two agencies will produce a series of bibliographies which will be useful to EPA in the regulation of pesticides, as well as to any researcher in the field of plant or commodity protection. The broad scope of information contained in this series will benefit USDA, EPA, and the agricultural community as a whole.

The sources referenced in these bibliographies include the majority of the latest available information from United States publications involving commodity protection throughout the growing and processing stages for each agricultural commodity.

We welcome the opportunity to join this cooperative effort between USDA and EPA in support of the national agricultural community.



JOSEPH H. HOWARD, Director
National Agricultural Library



DOUGLAS D. CAMPT, Director
Office of Pesticide Programs

INTRODUCTION

The citations in this bibliography are selected from works by U.S. authors on all aspects of the protection of citrus. All citations are derived from AGRICOLA (AGRICultural Online Access), the family of databases compiled by the National Agricultural Library and its cooperators.

This is the 13th bibliography included in a series of commodity-oriented environmental databases jointly sponsored by the National Agricultural Library, United States Department of Agriculture (USDA-NAL), and the Office of Pesticides Programs, Environmental Protection Agency (EPA-OPP). Additional volumes issued recently or planned for the immediate future concern protection of corn, soybeans, pome fruits, stone fruits, grain sorghum, rice, and peanuts.

Entries in the bibliography are subdivided into a series of subject headings used in the table of contents of the Bibliography of Agriculture and in the National Agricultural Library Catalog. Each citation appears under the subject heading assigned to the particular item. A complete author index is also included in the publication.

The Office of Pesticide Programs, EPA, has furnished technical assistance to the compiler through members of a commodity-oriented environmental data team which included:

Charles D. Reese
H. Irving Brigham
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Any comments or questions may be forwarded to the compiler:

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Lynne, G.D. Boggess, W.G.; Portier, K.M. Experiment, Ga. : The Association. Extract: Irrigation water is produced within the irrigation subprocess of a farm. Water supply is identified for effective field water, which sets the upper bound on water available for plant use. Georgescu-Roegen process analysis concepts are merged with the neoclassical theory of cost as the underlying framework. The approach is illustrated for a permanent overhead system used in a Florida citrus grove. The marginal cost for the 2.54 centimeters application depth dominates all other depths for the higher water levels. Process analysis is an important analytical tool for increasing understanding of the features of irrigation water supply. Southern journal of agricultural economics - Southern Agricultural Economics Association. Includes statistical data. Dec 1984. v. 16 (2). p. 73-82. Includes 27 references. (NAL Call No.: DNAL AGE HD101.S6).

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A method for estimating net total loss from losing a citrus tree.
Abbitt, B. Muraro, R.P.; Spreen, T.H. Gainesville, Fla., The Dept. Economic information report - Florida, Agricultural Experiment Stations, Food and Resource Economics Department. Feb 1979. Feb 1979. (105). 25 p. 12 ref. (NAL Call No.: HD9007.F6F6).

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A method for estimating net total loss from losing an orange tree (Citrus accounting).
Muraro, R.P. Abbitt, B. Lake Alfred. Proceedings of the ... annual meeting Florida State Horticultural Society. 1978 (pub. 1979). v. 91. p. 1-4. ill. 10 ref. (NAL Call No.: 81 F66).

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A microcomputer program to determine citrus tree value.

Muraro, R.P. Ferguson, F. Jr. Gainesville : The Stations. Extract: A microcomputer program to determine citrus tree value with examples is presented. Growers, accountants and appraisers can use this microcomputer program to estimate citrus tree values--both the value of the lost citrus tree and of the replacement tree. Data on the specific trees being valued are used in the analysis. Economic information report - University of Florida, Food and Resource Economics Department, Agricultural Experiment Stations. Sept 1982. Sept 1982. (168). 27 p. Includes 8 references. (NAL Call No.: HD9007.F6F6).

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Production costs and returns for groves ten years and over in the southwest Florida area, 1975-78.

Brooke, D.L. Gainesville, Fla., The Dept. Economic information report - Florida, Agricultural Experiment Stations, Food and Resource Economics Department. Oct 1979. Oct 1979. (122). 3 p. (NAL Call No.: HD9007.F6F6).

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Production records: a necessary management tool (Citrus orchards).

Muraro, R. Tampa, Fla., Kyle Publishing Co. Citrus & vegetable magazine. June 1981. v. 44 (10). p. 6, 54. ill. 2 ref. (NAL Call No.: 80 C498).

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The season ahead: dollars of distress (Navel oranges).

Los Angeles, California Citrograph Publishing Co. Citrograph. Sept 1980. v. 65 (11). p. 300-302, 328. (NAL Call No.: 80 C125).

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Thrips in coastal lemons: is control economical? (California, *Scirtothrips citri*).

Phillips, P. Los Angeles, California Citrograph Publishing Co. Citrograph. Mar 1981. v. 66 (5). p. 111-112. ill. 1 ref. (NAL Call No.: 80 C125).

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Toward a policy testing model for the Florida orange industry / Charles E. Powe and Max R. Langham.

Powe, Charles E. Langham, Max R. Gainesville, Fla. Agricultural Experiment Station, Institute of Food and Agricultural Sciences, University of Florida 1980. Issued May 1980. xii, 119 p. : ill. ; 23 cm. -. Bibliography: 117-119. (NAL Call No.: 100 F66S(1) no.815).

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Valencias hardest hit; next crop a question mark (Oranges, frost, losses, Florida).

Los Angeles, California Citrograph Publishing Co. Citrograph. Mar 1981. v. 66 (5). p. 99-100, 124. ill. (NAL Call No.: 80 C125).

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Weather cuts (1978-79) orange crop ten million boxes (Freezes).

Los Angeles, California Citrograph Publishing Co. Citrograph. Feb 1979. v. 64 (4). p. 76. (NAL Call No.: 80 C125).

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Yield loss effects of the citrus rust mite (*Phyllocoptruta oleivora*).

Allen, J.C. Weslaco, Tex., The Society. Journal of the Rio Grande Valley Horticultural Society. 1980. v. 34. p. 15-22. ill. 10 ref. (NAL Call No.: 81 L95).

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Verdelli summer lemons: a new option for California growers.

CAGRA. Maranto, J. Hake, K.D. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. May/June 1985. v. 39 (5/6). p. 4. ill. (NAL Call No.: DNAL 100 C12CAG).

GRADING, STANDARDS, LABELLING

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Acephate and methamidophos residue behavior in Florida citrus, 1976 (Temple and Valencia oranges, and grapefruit, lemons and tangerines).

Nigg, H.N. Reinert, J.A. Washington, U. S. Environmental Protection Agency. Pesticides monitoring journal. Mar 1979. v. 12 (4). p. 167-171. ill. 11 ref. (NAL Call No.: SB951.A1P41).

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Moye, H.A. Wheaton, T.A. Washington, American Chemical Society. Journal of agricultural and food chemistry. Mar/Apr 1979. v. 27 (2). p. 291-293. ill. 7 ref. (NAL Call No.: 381 J8223).

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Wardowski, W.F. Ting, S.V. Mount Vernon, Va. Journal American Society for Horticultural Science. July 1979. v. 104 (4). p. 440-443. ill. 13 ref. (NAL Call No.: 81 S012).

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Davis, P.L. Munroe, K.A. Washington, American Chemical Society. Journal of agricultural and food chemistry. July/Aug 1979. v. 27 (4). p. 918-920. ill. 15 ref. (NAL Call No.: 381 J8223).

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Residue research for worker, public protection (Pesticides, citrus groves, California).

Gunther, F.A. Los Angeles. Citrograph. Feb 1979. v. 64 (4). p. 85-86. (NAL Call No.: 80 C125).

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Worker environment research: methidathion applied to orange trees (in California, residues, safety).

Iwata, Y. Carman, G.E. Washington, American Chemical Society. Journal of agricultural and food chemistry. Jan/Feb 1979. v. 27 (1). p. 119-129. ill. Bibliography p. 129. (NAL Call No.: 381 J8223).

PLANT PRODUCTION - GENERAL

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**Response of citrus trees on sour orange
rootstock propagated from citrus tristeza
virus-infected bud sources.**

Feldman, A.W. (S.I.) : The Society. Proceedings
- Soil and Crop Science Society of Florida.
1983. v. 42. p. 58-65. ill. Includes
references. (NAL Call No.: 56.9 S032).

PLANT PRODUCTION – HORTICULTURAL CROPS

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Abscission chemical effects on shaker-catchframe harvest system performance and subsequent 'Hamlin' and 'Pineapple' orange yield (Citrus fruits).

Wilson, W.C. Coppock, G.E. Alexandria, Va., American Society for Horticultural Science. HortScience. June 1981. v. 16 (3). p. 299-300. ill. 3 ref. (NAL Call No.: SB1.H6).

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Aerial color infrared photography--a management tool (Citrus groves).

Blazquez, C.H. Edwards, G.J.; Horn, F.W. Jr. s.l., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. June 1, 1980. v. 92. p. 13-15. 10 ref. (NAL Call No.: 81 F66).

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Wiegand, C.L.JRGVA. Swanson, W.A. Weslaco : The Society. Journal - Rio Grande Valley Horticultural Society. 1984. v. 37. p. 83-94. ill. Includes references. (NAL Call No.: 81 L95).

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McDonald, H. Allen, R.M. Los Angeles, California Citrograph Publishing Co. Citrograph. June 1981. v. 66 (8). p. 194. (NAL Call No.: 80 C125).

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Borst, G. Vista, Calif. : Rancher Pub. Avocado grower. Apr 1984. v. 8 (4). p. 19-20. ill. Includes 5 references. (NAL Call No.: DNAL SB379.A9A9).

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Behavior of ten chironja clones at three sites. III. Interaction of genotype X environment (Citrus fruits, Puerto Rico).

Perez, E. Perez-Lopez, A.; Torres, C.J.; Green, J. Rio Piedras, The Station. The Journal of agriculture of the University of Puerto Rico - Puerto Rico, Agricultural Experiment Station. July 1981. v. 65 (3). p. 299-303. 6 ref. (NAL Call No.: 8 P832J).

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The blight susceptibility of 'pineapple' orange (citrus sinensis) trees on Citrus macrophylla rootstock.

Wutscher, H.K. Bistline, F.W. s.l., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. 1980 (pub 1981). v. 93. p. 17-18. 7 ref. (NAL Call No.: 81 F66).

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Budgeting costs and returns: Central Florida citrus production, 1980-81.

Muraro, R.P. Gainesville, Fla., The Department. Extract: Estimated costs and returns of growing round oranges in the central Florida citrus area are presented for the seventh consecutive year. The format presented may be used by individual growers to budget costs and returns, utilizing individual data on specific groves. Economic information report - Florida, Agricultural Experiment Stations, Food and Resource Economics Department. June 1981. June 1981. (147). 12 p. 9 ref. (NAL Call No.: HD9007.F6F6).

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Muraro, R.P. Gainesville : The Stations. Economic information report - University of Florida, Food and Resource Economics Department, Agricultural Experiment Stations. June 1982. June 1982. (160). 11 p. Includes references. (NAL Call No.: HD9007.F6F6).

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Muraro, R.P. Gainesville, Fla., The Department. Extract: Estimated costs and returns of growing white seedless grapefruit in the Indian River area of Florida are presented for the seventh consecutive year. The format presented may be used by individual growers to budget costs and returns, utilizing individual data on specific groves. Economic information report - Florida, Agricultural Experiment Stations, Food and Resource Economics Department. June 1981. June 1981. (146). 12 p. 9 ref. (NAL Call No.: HD9007.F6F6).

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(PLANT PRODUCTION - HORTICULTURAL CROPS)

0085

Chemical and air shaker orange removal in south Florida (Labelle).

Wilson, W.C. Donhaiser, J.R.; Coppock, G.E. s.l., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. June 1, 1980. v. 92. p. 56-58. ill. 5 ref. (NAL Call No.: 81 F66).

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0088

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Tampa, Fla., Kyle Publishing Co. Citrus & vegetable magazine. Aug 1980. v. 43 (12). p. 20-22. ill. (NAL Call No.: 80 C498).

0089

The citricola scale in San Joaquin IPM (integrated pest management) programs (citrus, California).

Elmer, H.S. Brawner, O.L.; Ewart, W.H. Los Angeles, California Citrograph Publishing Co. Citrograph. Apr 1981. v. 66 (6). p. 137-138, 151. 1 ref. (NAL Call No.: 80 C125).

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Citrus fruits-- varieties, chemistry, technology, and quality evaluation. Part I: Varieties, production, handling, and storage. Ramana, K.V.R. Govindarajan, V.S.; Ranganna, S. Boca Raton, Fla., CRC Press. Abstract: A critical account is presented on various aspects of the characteristics and use of

citrus fruits. Citrus fruit topics covered in detail include: classification, breeding, diseases (causing loss), production, growth in various countries, composition (as affected by various factors), maturity standards (for harvesting), harvesting, commercial handling, and storage. Factors causing crop loss are reviewed, including infectious diseases (fungal, bacterial, viral), nematodes, and pests. Factors affecting fruit composition are discussed: rootstock characteristics, climate, tree age and density, nutrient status effects (e.g., phosphorus, potassium, calcium, nitrogen, trace elements, vitamin C), growth regulators, chemical sprays, and growth and maturation effects. Harvesting, handling, grading, and storage procedures are reviewed. Control of post-harvest diseases and changes in chemical constituents during storage are discussed. Numerous tabular data are included. (wz). CRC critical reviews in food science and nutrition. Dec 1981. Literature review. v. 15 (4). p. 353-432. ill., charts. 411 ref. (NAL Call No.: TP368.C7).

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Hedden, S.L. Coppock, G.E.; Whitney, J.D. St. Joseph, Mich. : The Society. Paper - American Society of Agricultural Engineers (Microfiche collection). 1981. Paper presented at the 1981 Summer Meeting of the American Society of Agricultural Engineers. Available for purchase from: The American Society of Agricultural Engineers, Order Dept., 2950 Niles Road, St. Joseph, Michigan 49085. Telephone the Order Dept. at (616) 429-0300 for information and prices. 1981. (fiche no. 81-1063). 1 microfiche : ill. Includes references. (NAL Call No.: FICHE S-72).

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Zuber, C.E. Madisonville, Ky., North American Fruit Explorers. The North American pomona. Jan 1980. v. 13 (1). p. 44-45. (NAL Call No.: SB354.N6).

0093

Citrus tree size management affects fruit yields and mechanical harvesting efficiency.

Whitney, J.D. Wheaton, T.A.; Castle, W.S.; Tucker, D.P.H. St. Joseph, Mich. : The Society. Paper - American Society of Agricultural Engineers (Microfiche collection). 1982. Paper presented at the 1982 Summer Meeting of the American Society of Agricultural Engineers. Available for purchase from: The American Society of Agricultural Engineers, Order Dept., 2950 Niles Road, St. Joseph, Michigan 49085. Telephone the Order Dept. at (616) 429-0300 for information and prices. 1982. (fiche no. 82-1064). 1 microfiche : ill. Includes

references. (NAL Call No.: FICHE S-72).

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Citrus tree size management affects fruit yields and mechanical harvesting efficiency (Tree removal, crosshedging, tree topping, Valencia oranges).

Whitney, J.D.TAAEA. Wheaton, T.A.; Castle, W.S.; Tucker, D.P.H. St. Joseph : The Society. Transactions of the ASAE - American Society of Agricultural Engineers. May/June 1983. v. 26 (3). p. 704-709. ill. Includes references. (NAL Call No.: 290.9 AM32T).

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Comparison of yield, quality, and dollar returns on fruit produced on Temik and non-Temik treated citrus trees (Florida).

Knapp, J.L.PFSHA. Fasulo, T.R.; Tucker, D.P.H.; Muraro, R.P. Lake Alfred : The Society. Proceedings of the ... annual meeting - Florida State Horticultural Society. 1982. v. 95. p. 59-60. Includes references. (NAL Call No.: 81 F66).

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Controlling citrus tree size with rootstocks and viruses for higher density plantings (Dwarfing).

Castle, W.S. Lake Alfred. Proceedings of the ... annual meeting Florida State Horticultural Society. 1978 (pub. 1979). v. 91. p. 46-50. ill. 30 ref. (NAL Call No.: 81 F66).

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Culture, fertilization, and frost protection of citrus groves in the Gulf States by P.H. Rolfs.

-. Rolfs, Peter H. Washington, D.C. : U.S. Dept. of Agriculture, 1913. 20 p. : ill. -. (NAL Call No.: DNAL Fiche S-70 no.542).

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Wilson, W.C. Attaway, J.A.; Rowland, E.H. Longmont, Colo., The Group. Proceedings - Plant Growth Regulator Working Group. Plant Growth Regulator Working Group. 1979. Abstract only. 1979. (6th). p. 193-195. (NAL Call No.: SB128.P5).

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The effect of additives on the efficiency of abscission-inducing chemicals on 'Valencia' oranges in Florida.

Rasmussen, G.K. s.l., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. 1980 (pub 1981). v. 93. p. 27-29. 11 ref. (NAL Call No.: 81 F66).

0100

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Koo, R.C.J.PFSHA. Muraro, R.P. Lake Alfred : The Society. Proceedings of the ... annual meeting - Florida State Horticultural Society. 1982. v. 95. p. 29-33. ill. Includes references. (NAL Call No.: 81 F66).

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Environmental effects on plant water relations and fruit enlargement in Valencia orange (Citrus sinensis (L.) Osbeck) / by Donald Carl Elfving.

Elfving, Donald Carl, 1941. 1971. Thesis (Ph.D.)--University of California, Riverside, 1971. Photocopy of typescript. Ann Arbor: University Microfilms, 1972. x, 86 leaves ; 21 cm. Bibliography: leaves 79-86. (NAL Call No.: DISS 72-17,038).

0102

Estimate of yield loss from the citrus nematode in Texas grapefruit (Tylenchulus semipenetrans).

Timmer, L.W.JONEB. Davis, R.M. Ames : Society of Nematologists. Journal of nematology. Oct 1982. v. 14 (4). p. 582-585. Includes references. (NAL Call No.: QL391.N4J62).

0103

Evaluation of multiple foliar applications of Oxamyl for control of citrus pests.

O'Bannon, J.H. Selhime, A.G. s.l., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. 1980 (pub 1981). v. 93. p. 50-52. 10 ref. (NAL Call No.: 81 F66).

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Fruit handling and decay control techniques affecting quality (Citrus).

Brown, G.E. Washington, D.C., The Society. ACS symposium series - American Chemical Society. 1980. Literature review. 1980. (143). p. 193-224. 311 ref. (NAL Call No.: QD1.A45).

(PLANT PRODUCTION - HORTICULTURAL CROPS)

0105

Fruit thinning of Florida mandarins using plant growth regulators.

Wheaton, T.A. Shimizu, Japan : International Society of Citriculture, 1982-1983. Proceedings of the International Society of Citriculture / International Citrus Congress, November 9-12, 1981, Tokyo, Japan ; K. Matsumoto, editor . p. 263-268. Includes 24 references. (NAL Call No.: DNAL SB369.I5 1981).

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Rasmussen, G.K. Alexandria, Va., American Society for Horticultural Science. HortScience. Aug 1981. v. 16 (4). p. 497-498. 9 ref. (NAL Call No.: SB1.H6).

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High density citrus plantings (Grapefruit and oranges).

Hutton, P.J. Los Angeles, California Citrograph Publishing Co. Citrograph. May 1981. v. 66 (7). p. 177-178. (NAL Call No.: 80 C125).

0108

High volume under-tree sprinkling for citrus cold protection (California, Florida).

Davies, F.S. s.l., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. 1980 (pub 1981). v. 93. p. 9-2. ill. 8 ref. (NAL Call No.: 81 F66).

0109

The importance of registered citrus trees (Certification of disease free nursery trees, Florida).

Hutchinson, P. Johnston, J. Bartow, Fla. : Citrus Industry. Citrus industry. July 1984. v. 65 (7). p. 5, 8. ill. (NAL Call No.: 80 C49).

0110

Improved techniques used in producing budded citrus nursery trees for commercial fruit production.

Adams, W.G. Boulder : The Society. Combined proceedings - International Plant Propagators' Society. 1984 (pub. 1985). v. 34. p. 496-499. (NAL Call No.: DNAL 451 P692).

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In vitro shoot-tip grafting to eliminate citrus viruses and virus-like pathogens produces uniform budlines.

Nauer, E.M.HJHSA. Roistacher, C.N.; Carson, T.L.; Murashige, T. Alexandria : American Society for Horticultural Science. HortScience. June 1983. v. 18 (3). p. 308-309. Includes references. (NAL Call No.: SB1.H6).

0112

Incorporation of new developments into citrus management (Citriculture, research technology).

Pehrson, J.E. Griffith, Australia, The Society. Proceedings ... International Society of Citriculture. 1978 (pub. 1980). 1978 (pub. 1980). p. 329-331. (NAL Call No.: SB369.I5).

0113

Inhibition of regrowth and yield of mature lemon trees with ammonium ethyl carbamoylphosphonate (Chemical pruning).

Boswell, S.B. Embleton, T.W.; Jones, W.W.; Summers, L.L. Alexandria, Va., American Society for Horticultural Science. HortScience. Feb 1981. v. 16 (1). p. 41-42. 9 ref. (NAL Call No.: SB1.H6).

0114

Interplanting: is it worth the headaches? (Citrus and avocados, Phytophthora cinnamomi, cultural control).

Vista, Calif., Rancher Publications. Avocado grower. Nov 1980. v. 4 (11). p. 26-27. ill. (NAL Call No.: SB379.A9A9).

0115

Keep your (citrus) groves full of working trees. Good management includes records of every tree space.

Cooper, J.F. Raleigh, N.C., Specialized Agricultural Publications. Florida grower and rancher. Jan 1979. v. 72 (1). p. 14-15. ill. (NAL Call No.: 80 F6622).

0116

Management of cover vegetation in citrus orchards (Mulch crop, Bermuda grass, California).

Jordan, L. Corvallis, Or. : International Plant Protection Center, Oregon State University, 1982. Crop production using cover crops and sods as living mulches : workshop proceedings / edited by J.C. Miller and S.M. Bell. p. 73-79. (NAL Call No.: S661.5.C7).

0117

New methods of herbiciding, irrigation improve grove efficiency at LaBelle (Citrus production, weed control, Florida).
Barksdale, W.E. Bartow, Fla. : Citrus Industry. Citrus industry. Sept 1984. v. 65 (9). p. 36-38. ill. (NAL Call No.: 80 C49).

0118

Packinghouse operations and shipping conditions of citrus for export (Florida).
Wardowski, W.F. S.l., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. 1981 (pub. 1982). v. 94. p. 254-256. Includes 27 ref. (NAL Call No.: 81 F66).

0119

Relative effectiveness of dilute and concentrated abscission-chemical sprays in loosening 'Valencia' oranges from trees (Harvesting aid).
Rasmussen, G.K. AR-SO. Mount Vernon, Va., The Society. Journal of the American Society for Horticultural Science. American Society for Horticultural Science. Mar 1980. v. 105 (2). p. 145-147. ill. 21 ref. (NAL Call No.: 81 S012).

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Results of 5 years' continued use of abscission-inducing chemicals on 'Hamlin' oranges.
Rasmussen, G.K. AR-SO. s.l., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. June 1, 1980. v. 92. p. 51-53. 9 ref. (NAL Call No.: 81 F66).

0121

Similarities between citrus blight and Pierce's disease of grapevine (Vector Oncometopia nigricans).
Hopkins, D.L. Adlerz, W.C. s.l., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. 1980 (pub 1981). v. 93. p. 18-20. 16 ref. (NAL Call No.: 81 F66).

0122

Subsequent yields of 'Valencia' orange trees sprayed with abscission chemicals (Florida).
Sumner, H.R. Churchill, D.B. s.l., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. 1980 (pub 1981). v. 93. p. 53-55. ill. 4 ref. (NAL Call No.: 81 F66).

0123

Suggestions for reset management (Citrus tree replacement).
Jackson, L.K. Raleigh, N.C., Specialized Agricultural Publications. Florida grower and rancher. Feb 1981. v. 74 (2). p. 21, 38, 42. 2 ref. (NAL Call No.: 80 F6622).

0124

A survey for citrus tristeza virus in registered budwood sources commercially propagated on sour orange rootstocks in Florida.
Garnsey, S.M. Lee, R.F.; Youtsey, C.O.; Brlansky, R.H.; Burnett, H.C. s.l., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. 1980 (pub 1981). v. 93. p. 7-9. 14 ref. (NAL Call No.: 81 F66).

0125

Timing of fungicide spray treatments for citrus melanose control.
Whiteside, J.D. s.l., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. 1980 (pub 1981). v. 93. p. 21-24. ill. 12 ref. (NAL Call No.: 81 F66).

0126

Two weed control systems for Florida citrus.
Tucker, D.P.H. Muraro, R.; Abbitt, B. s.l., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. 1980 (pub 1981). v. 93. p. 30-33. ill. 5 ref. (NAL Call No.: 81 F66).

0127

Use of remote sensing in citriculture assessment (Citrus orchards, surveys, Florida).
Blazquez, C.H. Oswalt, T.W.; Edwards, G.J. New York : American Society of Civil Engineers, c1982. Proceedings of the Specialty Conference on Environmentally Sound Water and Soil Management : Orlando, Fla., July 20-23, 1982 / E.G. Kruse, C.R. Burdick, and Y.A. Yousef, co-editors. p. 467-474. Includes references. (NAL Call No.: TC803.S64 1982).

0128

Valencias hardest hit; next crop a question mark (Oranges, frost, losses, Florida).
Los Angeles, California Citrograph Publishing Co. Citrograph. Mar 1981. v. 66 (5). p. 99-100, 124. ill. (NAL Call No.: 80 C125).

(PLANT PRODUCTION - HORTICULTURAL CROPS)

0129

Verdelli summer lemons: a new option for California growers.

CAGRA. Maranto, J. Hake, K.D. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. May/June 1985. v. 39 (5/6). p. 4. ill. (NAL Call No.: DNAL 100 C12CAG).

PLANT PRODUCTION – FIELD CROPS

0130

The season ahead: dollars of distress (Navel oranges).

Los Angeles, California Citrograph Publishing Co. Citrograph. Sept 1980. v. 65 (11). p. 300-302, 328. (NAL Call No.: 80 C125).

PLANT BREEDING

0131

Behavior of ten chironja clones at three sites. III. Interaction of genotype X environment (Citrus fruits, Puerto Rico).

Perez, E. Perez-Lopez, A.; Torres, C.J.; Green, J. Rio Piedras, The Station. The Journal of agriculture of the University of Puerto Rico - Puerto Rico, Agricultural Experiment Station. July 1981. v. 65 (3). p. 299-303. 6 ref. (NAL Call No.: 8 P832J).

0132

Characterization of citrus rootstock responses to *Tylenchulus semipenetrans* (Cobb) (Rootstock germplasm).

Kaplan, D.T. Ames, Iowa, Society of Nematologists. Journal of nematology. Oct 1981. v. 13 (4). p. 492-498. ill. 11 ref. (NAL Call No.: QL391.N4J62).

0133

The citrus clonal protection program (Plant propagation, disease-free budwood, viruses).

Reuther, W. Berkeley, Calif., The Station. California agriculture - California Agricultural Experiment Station. Jan/Feb 1981. v. 35 (1/2). p. 30-32. ill. (NAL Call No.: 100 C12CAG).

0134

Compatible rootstocks for lemon trees.

Schneider, H. Sakovich, N.J. Los Angeles, Calif. : California Citrograph Pub. Co. Citrograph. Nov 1984. v. 70 (1). p. 17, 19-21. (NAL Call No.: DNAL 80 C125).

0135

Effects of tristeza virus inoculations in Valencia oranges on six rootstocks (Varieties).

Burns, R.M. Calavan, E.C.; Blue, R.L.; Lee, B.W. Gainesville. Proceedings of the conference - International Organization of Citrus Virologists. 1980. 1980. (8th). p. 28-31. ill. 4 ref. (NAL Call No.: 464.06 IN82).

0136

The influence of medium heterogeneity and three rootstocks on growth and nutrient levels of greenhouse-grown "Valencia" orange trees.

Wutscher, H.K. Alexandria, Va., The Society. Journal of the American Society for Horticultural Science. Mar 1982. v. 107 (2). p. 235-239. Includes 18 ref. (NAL Call No.: 81 S012).

0137

Interrelation among rootstocks, leaf composition and stem pitting on sweet orange scions (Tristeza virus).

Dornelles, C.M.M. Souza, E.L.S. Gainesville. Proceedings of the conference - International Organization of Citrus Virologists. 1980. 1980. (8th). p. 32-39. 12 ref. (NAL Call No.: 464.06 IN82).

0138

Rootstock development screening and selection for disease tolerance and horticultural characteristics.

FVRJA. Hutchison, D.J. University Park, Pa. : American Pomological Society. Fruit varieties journal. July 1985. v. 39 (3). p. 21-25. Includes 6 references. (NAL Call No.: DNAL 80 F9464).

0139

The split-phloem variant in California Valencias (Oranges).

Platt, R.G. Calavan, E.C.; Burns, R.M. Los Angeles, California Citrograph Publishing Co. Citrograph. June 1980. v. 65 (8). p. 241-242. ill. (NAL Call No.: 80 C125).

0140

Using plant viruses for disease control.

HJHSA. Hamilton, R.I. Alexandria, Va. : American Society for Horticultural Science. HortScience. Paper presented at the "Symposium on Virus Diseases: A Dilemma for Plant Breeders," August 7, 1984, Vancouver, British Columbia. Oct 1985. v. 20 (5). p. 848-852. Includes 69 references. (NAL Call No.: DNAL SB1.H6).

PLANT ECOLOGY

0141

Environmental effects on plant water relations and fruit enlargement in Valencia orange (*Citrus sinensis* (L.) Osbeck) / by Donald Carl Elfving.

Elfving, Donald Carl, 1941. 1971. Thesis (Ph.D.)--University of California, Riverside, 1971. Photocopy of typescript. Ann Arbor: University Microfilms, 1972. x, 86 leaves ; 21 cm. Bibliography: leaves 79-86. (NAL Call No.: DISS 72-17,038).

0142

Environmental factors affecting Citrus.

FVRJA. Yelenosky, G. University Park, Pa. : American Pomological Society. Fruit varieties journal. Paper presented at the "United States - People's Republic of China Citrus Symposium," Nov. 14-17, Orlando, Florida.~ Literature review. Apr 1985. v. 39 (2). p. 51-57. ill. Includes 42 references. (NAL Call No.: DNAL 80 F9464).

0143

Environmental stress and seasonal changes in proline concentration of citrus tree tissues and juice (Grapefruit, *Citrus paradisi*, rough lemon, *Citrus jambhiri*).

Syvertsen, J.P. JOSHB. Smith, M.L. Jr. Alexandria : The Society. Journal of the American Society for Horticultural Science. Sept 1983. v. 108 (5). p. 861-866. ill. Includes references. (NAL Call No.: 81 S012).

PLANT STRUCTURE

0144

Biochemical basis of acidity in citrus fruits / by Bela Stephen Buslig.

Buslig, Bela Stephen, 1938. 1970. Thesis (Ph.D.)--University of Florida, 1970. Photocopy. Ann Arbor, Mich. : University Microfilms, 1972. viii, 63 leaves ; 21 cm. Bibliography: leaves 61-63. (NAL Call No.: DISS 71-24,413).

0149

Structural comparison of xylem occlusions in the trunks of citrus trees with blight and other decline diseases.

PHYTAJ. Brlansky, R.H. Lee, R.F.; Collins, M.H. St. Paul, Minn. : American Phytopathological Society. Phytopathology. Feb 1985. v. 75 (2). p. 145-150. ill. Includes 20 references. (NAL Call No.: DNAL 464.8 P56).

0145

Development of the uredinial thallus and sorus in the orange coffee rust fungus, *Hemileia vastatrix* (Morphology).

McCain, J.W. Hennen, J.F. St. Paul, Minn. : American Phytopathological Society. Phytopathology. June 1984. v. 74 (6). p. 714-721. ill. Includes 18 references. (NAL Call No.: 464.8 P56).

0146

Electron microscopic investigations on Volkamer lemon affected by *Impietratura* (Varieties).

Bassi, M. Perrotta, G.; Magnano di San Lio, G.; Catara, A. Gainesville. Proceedings of the conference - International Organization of Citrus Virologists. 1980. 1980. (8th). p. 191-194. ill. 2 ref. (NAL Call No.: 464.06 IN82).

0147

Nature and location of xylem blockage structures in trees with citrus blight (*Citrus sinensis*, Valencia sweet oranges, *Citrus jambhiri*, rough lemons, morphology).

Cohen, M. PHYTA. Pelosi, R.R.; Brlansky, R.H. St. Paul : American Phytopathological Society. Phytopathology. Aug 1983. v. 73 (8). p. 1125-1130. ill. Includes references. (NAL Call No.: 464.8 P56).

0148

A new fungal pathogen of the scavenger mite, *Tydeus gloveri* (Citrus pest, biological control, *Hirsutella tydeicola*, taxonomic morphology, Florida).

Samson, R.A. JIVPA. McCoy, C.W. New York : Academic Press. Journal of invertebrate pathology. Sept 1982. v. 40 (2). p. 216-220. ill. Includes references. (NAL Call No.: 421 J826).

PLANT NUTRITION

0150

Chemical treatments, greenhouse temperature, and supplemental day length affect forcing and growth of newly budded orange trees.

Nauer, E.M. Boswell, S.B. Mt. Vernon, Va., American Society for Horticultural Science. HortScience. June 1979. v. 14 (3,sect.1). p. 229-231. ill. 7 ref. (NAL Call No.: SB1.H6).

0151

Influence of Glomus fasciculatus and soil phosphorus on Phytophthora (parasitica) root rot of citrus.

Davis, R.M. Menge, J.A. St. Paul, Minn., American Phytopathological Society. Phytopathology. May 1980. v. 70 (5). p. 447-452. ill. 17 ref. (NAL Call No.: 464.8 P56).

0152

The influence of medium heterogeneity and three rootstocks on growth and nutrient levels of greenhouse-grown "Valencia" orange trees.

Wutscher, H.K. Alexandria, Va., The Society. Journal of the American Society for Horticultural Science. Mar 1982. v. 107 (2). p. 235-239. Includes 18 ref. (NAL Call No.: 81 S012).

0153

Leaf analysis vital before planning fertilizer program for citrus trees (Includes nutritional deficiencies).

Vista, Calif., Rancher Publications. Avocado grower. Aug 1980. v. 4 (8). 26-27. ill. (NAL Call No.: SB379.A9A9).

0154

Mineral composition of two populations of leaves--green and iron chlorotic--of the same age all from the same tree (Citrus limon, lemons, nutrient status, iron deficiency).

Procopiou, J. Wallace, A. New York ; Basel : Marcel Dekker, 1982. Iron nutrition and interactions in plants : Brigham Young University, August 12-14, 1981 / edited by S.D. Nelson ... (et al.). p. 811-820. 6 ref. (NAL Call No.: QK867.J67 v. 5, nos. 4-7).

0155

Phytophthora parasitica inoculation and intensity of vesicular--arbuscular mycorrhizae in citrus (Glomus fasciculatus, citrus sinensis).

Davis, R.M. Menge, J.A. London, Academic Press. The New phytologist. Apr 1981. v. 87 (4). p. 705-715. 24 ref. (NAL Call No.: 450 N42).

PLANT PHYSIOLOGY AND BIOCHEMISTRY

0156

Citrus responses to irrigation. I. Irrigation requirements; daily, monthly, and annual evapotranspiration amounts; and water management recommendations.

Wiegand, C.L. Swanson, W.A. Weslaco, Tex., The Society. Journal of the Rio Grande Valley Horticultural Society. 1982. v. 35. p. 73-85. Includes 23 ref. (NAL Call No.: 81 L95).

0157

Citrus tissue culture: auxins in relation to abscission in excised pistils (Picloram, 4-chlorophenoxyacetic acid, 3,5,6-trichloropyridine-2-oxyacetic acid, chemicals).

Einset, J.W. Lyon, J.L.; Sipes, D.L. Rockville, Md., American Society of Plant Physiologists. Plant physiology. June 1981. v. 67 (6). p. 1109-1112. ill. 11 ref. (NAL Call No.: 450 P692).

0158

De novo arginine biosynthesis in leaves of phosphorus-deficient Citrus and Poncirus species.

PLPHA. Rabe, E. Lovatt, C.J. Rockville, Md. : American Society of Plant Physiologists. Plant physiology. Nov 1984. v. 76 (3). p. 747-752. Includes 17 references. (NAL Call No.: DNAL 450 P692).

0159

Environmental stress and seasonal changes in proline concentration of citrus tree tissues and juice (Grapefruit, Citrus paradisi, rough lemon, Citrus jambhiri).

Syvertsen, J.P. JOSHB. Smith, M.L. Jr. Alexandria : The Society. Journal of the American Society for Horticultural Science. Sept 1983. v. 108 (5). p. 861-866. ill. Includes references. (NAL Call No.: 81 S012).

0160

Evaluation of ethanedia dioxime (Pik-Off) as an abscission agent on Florida oranges used for processing (Chemicals for harvesting).

Wilson, W.C. Alexandria, Va., The Society. Journal of the American Society for Horticultural Science. Mar 1981. v. 106 (2). p. 184-186. 12 ref. (NAL Call No.: 81 S012).

0161

Frequency distribution of zinc in leaves with and without zinc-deficiency symptoms, all collected from a single orange tree (Citrus senensis, Citrus aurantium).

Wallace, A. Alexander, G.V.; Kinnear, J.; Procopiou, J.; Haritou-Andriotaki, A.; Papanicolaou, X. Baltimore, Md., Williams & Wilkins. Soil science. July 1982. v. 134 (1). p. 45-50. ill. 10 ref. (NAL Call No.: 56.8 S03).

0162

Fruit thinning of Florida mandarins using plant growth regulators.

Wheaton, T.A. Shimizu, Japan : International Society of Citriculture, 1982-1983. Proceedings of the International Society of Citriculture / International Citrus Congress, November 9-12, 1981, Tokyo, Japan ; K. Matsumoto, editor . p. 263-268. Includes 24 references. (NAL Call No.: DNAL SB369.I5 1981).

0163

Gibberellin and cell-wall hydrolases as related to the low response of 'Valencia' oranges to abscission chemicals.

Rasmussen, G.K. Alexandria, Va., American Society for Horticultural Science. HortScience. Aug 1981. v. 16 (4). p. 497-498. 9 ref. (NAL Call No.: SB1.H6).

0164

High volume under-tree sprinkling for citrus cold protection (California, Florida).

Davies, F.S. s.l., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. 1980 (pub 1981). v. 93. p. 9-2. ill. 8 ref. (NAL Call No.: 81 F66).

0165

The influence of exogenous growth regulators on rind quality and internal quality of citrus fruits.

Coggins, C.W. Jr. Shimizu, Japan : International Society of Citriculture, 1982-1983. Proceedings of the International Society of Citriculture / International Citrus Congress, November 9-12, 1981, Tokyo, Japan ; K. Matsumoto, editor . p. 214-216. Includes 5 references. (NAL Call No.: DNAL SB369.I5 1981).

0166

Influence of manganese deficiency on phosphorus fractions in lemon leaves (Chlorosis).

Hellin, E. Alcaraz, C.F. New York, Marcel Dekker. Journal of plant nutrition. 1980. v. 2 (3). p. 323-333. ill. 9 ref. (NAL Call No.: QK867.J67).

0167

Low volume microsprinkler undertree irrigation for frost protection of young citrus trees (Florida).

Parsons, L.R. Wheaton, T.A.; Whitney, J.D. S.I., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. 1981 (pub. 1982). v. 94. p. 55-59. ill. Includes 14 ref. (NAL Call No.: 81 F66).

0168

Modification of air temperature and citrus leaf temperature with high volume under-tree sprinklers (Cold protection, Florida).

Wilcox, D. Davies, F.S. S.I., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. 1981 (pub. 1982). v. 94. p. 59-63. ill. Includes 11 ref. (NAL Call No.: 81 F66).

0169

A numerical taxonomic study of selected Citrus species (Rutaceae) based on biochemical characters.

Potvin, C.SYBOD. Bergeron, Y.; Simon, J.P. Kent : American Society of Plant Taxonomists. Systematic botany. Apr/June 1983. v. 8 (2). p. 127-133. Includes references. (NAL Call No.: QK95.S97).

0170

Observations on microsprinkler use for cold protection during 1981 freeze (Florida citrus, Valencia orange, Citrus sinensis).

Oswalt, T.W. Parsons, L.R. S.I., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. 1981 (pub. 1982). v. 94. p. 52-54. ill. (NAL Call No.: 81 F66).

0171

Phloem zinc accumulation in citrus trees affected with blight.

Albrigo, L.G. Young, R.H. Alexandria, Va., American Society for Horticultural Science. HortScience. Apr 1981. v. 16 (2). p. 158-160. 13 ref. (NAL Call No.: SB1.H6).

0172

Relationships between water translocation and zinc accumulation in citrus trees with and without blight.

Young, R.H. AR-SO. Wutscher, H.K.; Albrigo, L.G. Alexandria, Va., The Society. Journal of the American Society for Horticultural Science. American Society for Horticultural Science. May 1980. v. 105 (3). p. 444-447. ill. 20 ref. (NAL Call No.: 81 S012).

0173

Rust mite (Phyllocoptruta oleivora) damage increases uptake and effectiveness of an abscission-accelerating chemical (glyoxal dioxime) on 'Valencia' oranges.

Evensen, K.B. Bausher, M.G.; Biggs, R.H. Mount Vernon, Va., The Society. Journal of the American Society for Horticultural Science. American Society for Horticultural Science. Mar 1980. v. 105 (2). p. 167-170. ill. 7 ref. (NAL Call No.: 81 S012).

0174

Seasonal changes in zinc and water-soluble phenolics in the outer trunk wood of healthy and blight-affected sweet orange trees (Varieties).

Wutscher, H.K. Alexandria, Va., American Society for Horticultural Science. HortScience. Apr 1981. v. 16 (2). p. 157-158. ill. 5 ref. (NAL Call No.: SB1.H6).

0175

Some inorganic element changes in trunk phloem of healthy and blight-affected citrus trees (Zinc, manganese, boron, nitrogen).

Williams, G.L. Albrigo, L.G. Alexandria, Va. : The Society. Journal of the American Society for Horticultural Science. May 1984. v. 109 (3). p. 437-440. ill. Includes references. (NAL Call No.: 81 S012).

0176

Use of chemical (soil) and tissue analyses for determining annual citrus fertilizer needs.

Krezdorn, A.H. Raleigh, N.C., Specialized Agricultural Publications. Florida grower and rancher. May 1981. v. 74 (5). p. 14. (NAL Call No.: 80 F6622).

0177

Verdelli summer lemons: a new option for California growers.

CAGRA. Maranto, J. Hake, K.D. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. May/June 1985. v. 39 (5/6). p. 4. ill. (NAL Call No.: DNAL 100)

(PLANT PHYSIOLOGY AND BIOCHEMISTRY)

C12CAG).

0178

Water relations and related leaf characteristics of healthy and blight affected citrus trees.

Syvertsen, J.P. AR-SO. Bausher, M.G.; Albrigo, L.G. Alexandria, Va., The Society. Journal of the American Society for Horticultural Science. American Society for Horticultural Science. May 1980. v. 105 (3). p. 431-434. ill. 22 ref. (NAL Call No.: 81 S012).

PLANT TAXONOMY AND GEOGRAPHY

0179

A new fungal pathogen of the scavenger mite, *Tydeus gloveri* (Citrus pest, biological control, *Hirsutella tydeicola*, taxonomic morphology, Florida).

Samson, R.A. JIVPA. McCoy, C.W. New York : Academic Press. Journal of invertebrate pathology. Sept 1982. v. 40 (2). p. 216-220. ill. Includes references. (NAL Call No.: 421 J826).

0180

A numerical taxonomic study of selected Citrus species (Rutaceae) based on biochemical characters.

Potvin, C. SYBOD. Bergeron, Y.; Simon, J.P. Kent : American Society of Plant Taxonomists. Systematic botany. Apr/June 1983. v. 8 (2). p. 127-133. Includes references. (NAL Call No.: QK95.S97).

PROTECTION OF PLANTS

0181

Bibliography of nematodes of citrus (Chemical and biological control).

O'Bannon, J.H. Esser, R.P. New Orleans, The Region. ARS-S.United States. Agricultural Research Service. Southern Region. Mar 1979. Mar 1979. (68,suppl.). 11 p. (NAL Call No.: aS21.A75U53).

0182

Black spots on citrus fruits and leaves, and sewage pollution (in Israel).

Safram, H. Bologna, Unione fitopatologica mediterranea. Phytopathologia mediterranea. Dec 1978. v. 17 (3). p. 200. ill. (NAL Call No.: 464.8 P565).

0183

Citrus blight diagnosis in several scion variety/rootstock combinations of different ages (Florida).

Young, R.H. Wutscher, H.K. Lake Alfred. Proceedings of the ... annual meeting Florida State Horticultural Society. 1978 (pub. 1979). v. 91. p. 56-59. ill. 17 ref. (NAL Call No.: 81 F66).

0184

Citrus grove mapping with colored infrared aerial photography (Polk County, Florida, detecting stress in orange and grapefruit trees).

Blazquez, C.H. Edwards, G.J. Lake Alfred. Proceedings of the ... annual meeting Florida State Horticultural Society. 1978 (pub. 1979). v. 91. p. 5-8. ill. 11 ref. (NAL Call No.: 81 F66).

0185

Citrus trunk wrap evaluations (Cold protection, Florida).

Rose, A.J. Yelenosky, G. Lake Alfred. Proceedings of the ... annual meeting Florida State Horticultural Society. 1978 (pub. 1979). v. 91. p. 14-18. ill. 4 ref. (NAL Call No.: 81 F66).

0186

Comparison of reflectance measurements with photographs for early freeze detection in leaves of sour orange plants.

Gausman, H.W. Paynado, A. Westlaco, Tex., The Society. Journal.Rio Grande Valley Horticultural Society. 1977. v. 31. p. 129-133. ill. 11 ref. (NAL Call No.: 81 L95).

0187

Concentrations of 14 elements in tissues of blight-affected and healthy 'Valencia' orange trees.

Wutscher, H.K. Hardesty, C. St. Joseph, Mich., The Society. Journal.American Society for Horticultural Science. Jan 1979. v. 104 (1). p. 9-11. ill. 17 ref. (NAL Call No.: 81 S012).

0188

Control of Tylenchulus semipenetrans on citrus with aldicarb, oxamyl, and DBCP.

Timmer, L.W. French, J.V. Ames, Iowa, Society of Nematologists. Journal of nematology. Oct 1979. v. 11 (4). p. 387-394. ill. 13 ref. (NAL Call No.: QL391.N4J62).

0189

Decay studies are important to citrus industry.

Tampa, Fla., Kyle Publishing Co. Citrus & vegetable magazine. Aug 1980. v. 43 (12). p. 24, 30. ill. (NAL Call No.: 80 C498).

0190

Detection and damage assessment of citrus tree losses with aerial color infrared photography (ACIR).

Blazquez, C.H. Horn, F.W. Jr.; Edwards, G.J. Falls Church Va. : American Society of Photogrammetry, c1981. Color aerial photography in the plant sciences and related fields : proceedings Eighth Biennial Workshop, Luray, Va., Apr. 21-23, 1981 / sponsors, Soc. Amer. Foresters, Amer. Soc. Photogrammetry, V.P.I. School of Forestry. p. 115-126. ill. 15 ref. (NAL Call No.: QK46.5.A47W67 1981).

0191

A device for infusing liquids into the outer xylem vessels of citrus trees (for control of diseases and pests).

Young, R.H. Garnsey, S.M. Beltsville, Md., Science and Education Administration, U.S. Dept. of Agriculture. Plant disease reporter. Sept 1979. v. 63 (9). p. 713-715. ill. 9 ref. (NAL Call No.: 1.9 P69P).

0192

Effect of oxytetracycline and benzimidazole treatments on blight-affected citrus trees (Vascular wilt disease of unknown etiology).

Lee, R.F. JDSHB. Timmer, L.W.; Albrigo, L.G. Alexandria : The Society. Journal of the American Society for Horticultural Science. Nov 1982. v. 107 (6). 1133-1136. ill. 28 ref. (NAL Call No.: 81 S012).

0193

The effect of withholding water on cold hardiness of 'Valencia' orange and 'Star Ruby' grapefruit trees in controlled freezes.

Yelenosky, G. Lake Alfred. Proceedings of the ... annual meeting Florida State Horticultural Society. 1978 (pub. 1979). v. 91. p. 18-20. ill. 9 ref. (NAL Call No.: 81 F66).

0194

Effects of four treatments on wind scarring in lemons.

Burns, R.M. Boswell, S.B. Los Angeles, California Citrograph Publishing Co. Citrograph. June 1979. v. 64 (8). p. 190-193. ill. 6 ref. (NAL Call No.: 80 C125).

0195

Effects of oxone and HCl (hydrogen chloride) gas on the development of the mycorrhizal fungus *Glomus fasciculatus* and growth of 'Troyer' citrange (Air pollution damages).

McCool, P.M. Menge, J.A. Mount Vernon, Va. Journal American Society for Horticultural Science. Mar 1979. v. 104. (2). p. 151-154. ill. 20 ref. (NAL Call No.: 81 S012).

0196

Effects of some systemic, nonfumigant and fumigant nematocides on grape mycorrhizal fungi and citrus nematode (*Tylenchulus semipenetrans*, *Glomus*).

Atilano, R.A. Van Gundy, S.D. Beltsville, Md., Science and Education Administration, U.S. Dept. of Agriculture. Plant disease reporter. Sept 1979. v. 63 (9). p. 729-733. ill. 26 ref. (NAL Call No.: 1.9 P69P).

0197

The EMG (electro-mechanical grader): an electronic grader, frost separator (Equipment for detecting frost damage in citrus fruit).

Los Angeles. Citrograph. Feb 1979. v. 64 (4). p. 77-80. ill. (NAL Call No.: 80 C125).

0198

Excess dolomite and lime plots display conditions very similar to YTD (young tree decline, Citrus).

Iley, J.R. Guilford, H.E. Bartow, Fla., Associated Publications Corp. Citrus industry. Feb 1979. v. 60 (2). 7-8, 10, 13-14, 16, 18. 7 ref. (NAL Call No.: 80 C49).

0199

Flavanone content of freeze-induced aggregates in segment-walls of oranges (*Citrus sinensis* (L.) Osbeck (Freeze damage)).

Albach, R.F. Redman, G.H. Westlaco, Tex., The Society. Journal. Rio Grande Valley Horticultural Society. 1977. v. 31. p. 45-52. ill. 10 ref. (NAL Call No.: 81 L95).

0200

Florida citrus blight (possibly caused by a trace element deficiency). I. Some causal relations of citrus blight (Lemons).

Childs, J.F.L. Beltsville, Md., Science and Education Administration, U.S. Dept. of Agriculture. Plant disease reporter. July 1979. v. 63 (7). p. 560-564. ill. 20 ref. (NAL Call No.: 1.9 P69P).

0201

Florida citrus blight (possibly caused by a trace element deficiency). II. Occurrence of citrus blight outside Florida (Vessel plugs, lemons).

Childs, J.F.L. Beltsville, Md., Science and Education Administration, U.S. Dept. of Agriculture. Plant disease reporter. July 1979. v. 63 (7). p. 565-569. ill. 12 ref. (NAL Call No.: 1.9 P69P).

0202

Frost and freeze protection (Citrus fruits).

Tampa. Citrus and vegetable magazine. Feb 1979. v. 42 (6). p. 12, 24-25. ill. (NAL Call No.: 80 C498).

0203

Frost darkens bright picture--for everybody! (Damage to citrus trees).

Los Angeles. Citrograph. Jan 1979. v. 64 (3). p. 49, 66. (NAL Call No.: 80 C125).

0204

Frost protection guides for 1979-80 (Citrus orchards, California, Arizona).

Los Angeles, California Citrograph Publishing Co. Citrograph. Sept 1979. v. 64 (11). p. 283-386. (NAL Call No.: 80 C125).

(PROTECTION OF PLANTS)

0205

Fungal, bacterial, and nonparasitic diseases and injuries originating in the (citrus) seedbed, nursery, and orchard.

Klotz, L.J. Berkeley. The Citrus industry Berkeley. University of California. Division of Agricultural Sciences. 1978. v. 4. p. 1-66. ill. Bibliography p. 62-66. (NAL Call No.: SB369.C5 1967).

0206

Growth and longevity of trees with citrus blight in St. Lucie County.

Cohen, M. Lake Alfred. Proceedings of the ... annual meeting Florida State Horticultural Society. 1978 (pub. 1979). v. 91. p. 66-68. ill. 5 ref. (NAL Call No.: 81 F66).

0207

Horror story: A review of the winter of 1978-1979 (Frost damage, citrus industry losses, California).

Los Angeles, California Citrograph Publishing Co. Citrograph. Sept 1979. v. 64 (11). p. 267-271. (NAL Call No.: 80 C125).

0208

Humus increases yields in (citrus tree) decline areas.

Pinckard, J.A. Tampa, Fla., Kyle Publishing Co. Citrus and vegetable magazine. Dec 1979. v. 43 (4). p. 47-48. ill. 3 ref. (NAL Call No.: 80 C498).

0209

Humus may help control YTD (young tree decline, citrus, Florida).

Pinckard, J.A. Manges, G.W. Tampa. Citrus and vegetable magazine. Apr 1979. v. 42 (8). p. 20-24. ill. 6 ref. (NAL Call No.: 80 C498).

0210

The importance of registered citrus trees (Certification of disease free nursery trees, Florida).

Hutchinson, P. Johnston, J. Bartow, Fla. : Citrus Industry. Citrus industry. July 1984. v. 65 (7). p. 5, 8. ill. (NAL Call No.: 80 C49).

0211

The influence of (the mycorrhizal fungus) Glomus mosseae on (the nematode) Tylenchulus semipenetrans--infected and uninfected Citrus limon seedlings.

O'Bannon, J.H. Inserra, R.N. Ames, Iowa, Society of Nematologists. Journal of nematology. July 1979. v. 11 (3). p. 247-250. ill. 17 ref. (NAL Call No.: QL391.N4J62).

0212

Insecticide (aldicarb) holds promise for stubborn (disease) control (in California citrus, insect vectors).

Kaloostian, G.H. Los Angeles, California Citrograph Publishing Co. Citrograph. June 1979. v. 64 (8). p. 201. (NAL Call No.: 80 C125).

0213

Integrated plant protection in citrus (Disease, insect, mite, nematode, and weed).

Brooks, R.F. Knapp, J.L. Minneapolis, Minn. : Published for the Congress by Burgess Pub., c1981. Proceedings of symposia : IX International Congress of Plant Protection, Washington, D.C., U.S.A., August 5-11, 1979 / editor, Thor Kommedahl. p. 560-563. Includes 7 ref. (NAL Call No.: SB951.I5 1979).

0214

Low level phytotoxicity. Non-visible air pollution causing visible damage to (San Joaquin) Valley's crops (Vegetables, citrus, forest trees).

Van Brackle, D. Fresno, Calif., Western Agricultural Publishing Co. California Arizona cotton. Dec 1979. v. 14 (12). p. 19, 24. (NAL Call No.: SB245.A1C3).

0215

Management of (the burrowing nematode) Radopholus similis infecting citrus with DBCP (1,2-dibromo-3-chloropropane) phenamiphos.

O'Bannon, J.H. Tarjan, A.C. Beltsville, Md., Science and Education Administration, U.S. Dept. of Agriculture. Plant disease reporter. June 1979. v. 63 (6). p. 456-460. ill. 11 ref. (NAL Call No.: 1.9 P69P).

0216

Nature and location of xylem blockage structures in trees with citrus blight (Citrus sinensis, Valencia sweet oranges, Citrus jambhiri, rough lemons, morphology).

Cohen, M. PHYTA. Pelosi, R.R.; Brilansky, R.H. St. Paul : American Phytopathological Society. Phytopathology. Aug 1983. v. 73 (8). p.

1125-1130. ill. Includes references. (NAL Call No.: 464.8 P56).

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Nematodes attacking citrus (Mainly *Tylenchulus semipenetrans* and *Radopholus similis*).

Baines, R.C. Van Gundy, S.D. Berkeley. The Citrus industry Berkeley. University of California. Division of Agricultural Sciences. 1978. v. 4. p. 321-345. ill. Bibliography p. 342-345. (NAL Call No.: SB369.C5 1967).

0218

New weapon against nematodes: granular (Temik aldicarb) pesticide offers orange growers a new way to fight slow decline.

Cooper, J.F. Raleigh, N.C., Specialized Agricultural Publications. Florida grower and rancher. Mar 1979. v. 72 (3). p. 10, 14. ill. (NAL Call No.: 80 F6622).

0219

Occurrence and identification of preharvest fruit blemishes in Florida citrus groves.

Albrigo, L.G. Lake Alfred. Proceedings of the ... annual meeting Florida State Horticultural Society. 1978 (pub. 1979). v. 91. p. 78-81. ill. 50 ref. (NAL Call No.: 81 F66).

0220

Possible cure for YTD (young tree decline, in the citrus industry in Florida).

Bricker, A. Tampa. Citrus and vegetable magazine. Dec 1978. v. 42 (4). p. 30, 32. (NAL Call No.: 80 C498).

0221

Proposed diagnostic marker, identified as scopoletin, is nonspecific for citrus blight or young tree decline (Diseases of unknown etiology).

Wheaton, T.A. Feldman, A.W. Beltsville, Md., Science and Education Administration, U.S. Dept. of Agriculture. Plant disease reporter. Mar 1979. v. 63 (3). p. 224-226. ill. 8 ref. (NAL Call No.: 1.9 P69P).

0222

Quarantine regulations make even routine operations difficult as state struggles to halt disease spread.

Los Angeles, Calif. : California Citrograph Pub. Co. Citrograph. Dec 1984. v. 70 (2). p. 28-29, 42. (NAL Call No.: DNAL 80 C125).

0223

Rate of nitrogen fertilization and incidence of blight in three orange groves on the Ridge (Florida).

Anderson, C.A. Bistline, F.W. Lake Alfred. Proceedings of the ... annual meeting Florida State Horticultural Society. 1978 (pub. 1979). v. 91. p. 59-61. ill. 24 ref. (NAL Call No.: 81 F66).

0224

Registration, certification, and indexing of citrus trees (Varieties, disease free stock, California, Texas, Florida, Brazil).

Calavan, E.C. Mather, S.M. Berkeley. The Citrus industry Berkeley. University of California. Division of Agricultural Sciences. 1978. v. 4. p. 185-222. ill. Bibliography p. 219-222. (NAL Call No.: SB369.C5 1967).

0225

Response of *Citrus aurantium* (sour orange) to *Glomus etunicatus* and *Glomus mosseae* (mycorrhizal fungi) after soil treatment with selected fumigants.

Nemec, S. O'Bannon, J.H. The Hague, Martinus Nijhoff. Plant and soil. Nov 1979. v. 53 (3). p. 351-359. ill. 18 ref. (NAL Call No.: 450 P696).

0226

The response of *Citrus limon* (rough lemon) seedlings to a symbiont, (mycorrhiza) *Glomus etunicatus*, and a pathogen, (burrowing nematode) *Radopholus similis*.

O'Bannon, J.H. Nemec, S. Ames, Iowa, Society of Nematologists. Journal of nematology. July 1979. v. 11 (3). p. 270-275. ill. 21 ref. (NAL Call No.: QL391.N4J62).

0227

Susceptibility of citrus nursery trees (.

Castle, W.S. Tucker, D.P.H. Mt. Vernon, Va., American Society for Horticultural Science. HortScience. Dec 1978. v. 13 (6,sect.1). p. 692-693. ill. 7 ref. (NAL Call No.: SB1.H6).

0228

Susceptibility of different rough lemon collections to foot rot (*Phytophthora parasitica*) blight and *Alternaria* (citri) leaf spot (Rootstocks, resistance).

Whiteside, J.O. Knorr, L.C. Lake Alfred. Proceedings of the ... annual meeting Florida State Horticultural Society. 1978 (pub. 1979). v. 91. p. 75-77. ill. 8 ref. (NAL Call No.: 81 F66).

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Susceptibility of 25 citrus rootstocks to the citrus nematode (*Tylenchulus semipenetrans*).
McCarty, C.D. Bitters, W.P. Mt. Vernon, Va., American Society for Horticultural Science. HortScience. Feb 1979. v. 14 (1). p. 54-55. ill. 9 ref. (NAL Call No.: SB1.H6).

0235

Winter gets longer--crop gets shorter (Citrus crop, freeze damage, United States).
Los Angeles. Citrograph. Mar 1979. v. 64 (5). p. 99, 114. (NAL Call No.: 80 C125).

0230

Treatment changes in 1979-81 California Citrus Guide (covering treatments for nematodes, plant diseases, plant growth regulation and weed control).

Carman, G.E. Los Angeles, California Citrograph Publishing Co. Citrograph. June 1979. v. 64 (8). p. 187-189. ill. (NAL Call No.: 80 C125).

0231

Use of remote sensing in citriculture assessment (Citrus orchards, surveys, Florida).
Blazquez, C.H. Oswalt, T.W.; Edwards, G.J. New York : American Society of Civil Engineers, c1982. Proceedings of the Specialty Conference on Environmentally Sound Water and Soil Management : Orlando, Fla., July 20-23, 1982 / E.G. Kruse, C.R. Burdick, and Y.A. Yousef, co-editors. p. 467-474. Includes references. (NAL Call No.: TC803.S64 1982).

0232

Vertebrate pests (including rodents, birds and rabbits) of citrus (Biology, damage, and control largely using California situations as examples).

Cummings, M.W. Marsh, R.E. Berkeley. The Citrus industryBerkeley. University of California. Division of Agricultural Sciences. 1978. v. 4. p. 237-273. ill. Bibliography p. 272-273. (NAL Call No.: SB369.C5 1967).

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Weather cuts (1978-79) orange crop ten million boxes (Freezes).

Los Angeles. Citrograph. Feb 1979. v. 64 (4). p. 76. (NAL Call No.: 80 C125).

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What can a grower do about citrus blight (YTD).
Phillips, R.L. Tampa, Fla., Kyle Publishing Co. Citrus and vegetable magazine. Aug 1979. v. 42 (12). p. 6, 45-47. ill. (NAL Call No.: 80 C498).

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The brown snail: another step closer to biological control (Pest of citrus, California).

Los Angeles, California Citrograph Publishing Co. Citrograph. July 1981. v. 66 (9). p. 221. (NAL Call No.: 80 C125).

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Development of integrated pest management in Texas citrus.

Dean, H.A.TAEBA. French, J.V.; Meyerdirk, D. College Station : The Station. Bulletin - Texas Agricultural Experiment Station. May 1983. May 1983. (B-1434). 15 p. ill. Includes references. (NAL Call No.: 100 T31S (1)).

0238

Skirt pruning and tree banding as snail controls.

Sakovich, N. Bailey, B. Los Angeles, Calif. : California Citrograph Pub. Co. Citrograph. Nov 1985. v. 71 (1). p. 18-20. (NAL Call No.: DNAL 80 C125).

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Texas guide for controlling pests and diseases on citrus.

TX. College Station, Tex., The Service. Leaflet L - Texas Agricultural Extension Service, Texas A & M University System. Texas A and M University. Agricultural Extension Service. Feb 1978. Feb 1978. (1463). 4 p. ill. (NAL Call No.: 275.29 T313).

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1980-1982 treatment guide for California citrus crops (Insects, nematodes, diseases and weed control).

CA. Berkeley, The Service. Leaflet - Division of Agricultural Sciences, University of California. California. University, Berkeley. Cooperative Extension Service. Jan 1980. Jan 1980. (2903). 97 p. ill. (NAL Call No.: S544.3.C2C3).

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Activity of insect growth regulators versus citrus rust mite (*Phyllocoptruta oleivora*) in Florida (Biological control).
Bullock, R.C. McCoy, C.W. Lake Alfred.
Proceedings of the ... annual meeting Florida State Horticultural Society. 1978 (pub. 1979). v. 91. p. 72-74. ill. 12 ref. (NAL Call No.: 81 F66).

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Aerial difolatan for citrus rust mite control in Florida (*Phyllocoptruta oleivora*).
Bullock, R.C. S.I., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. 1981 (pub. 1982). v. 94. p. 3-5. Includes 8 ref. (NAL Call No.: 81 F66).

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Agricultural oral history interview with Herbert A. Dean / with the direction of Irvin M. May.
Dean, Herbert A., 1918. May, Irvin M. College Station Texas A and M University Archives 1976. Cover title ~Interview conducted on Dec. 14, 1976 by Irvin May of the Texas Agricultural Experiment Station. 13 leaves ; 28 cm. (NAL Call No.: R SB608.C5D4).

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Aphid-transmissibility variants of citrus tristeza virus in infected citrus trees (*Aphis gossypii*, vectors).
Racchah, B. Loebenstein, G.; Singer, S. St. Paul, Minn., American Phytopathological Society. Phytopathology. Feb 1980. v. 70 (2). p. 89-93. ill. 12 ref. (NAL Call No.: 464.8 P56).

0245

Applying granules to conserve water in citrus (Agricultural pest control).
Gandrud, D.E. St. Joseph, Mich. : The Society. Paper - American Society of Agricultural Engineers (Microfiche collection). 1981. Paper presented at the 1981 Winter Meeting of the American Society of Agricultural Engineers. Available for purchase from: The American Society of Agricultural Engineers, Order Dept., 2950 Niles Road, St. Joseph, Michigan 49085. Telephone the Order Dept. at (616) 429-0300 for information and prices. 1981. (fiche no. 81-1502). 1 microfiche : ill. Includes references. (NAL Call No.: FICHE S-72).

0246

Attraction, mating, and oviposition behavior in field populations of *Diaprepes abbreviatus* on citrus (Florida).
Schroeder, W.J. College Park, Md., Entomological Society of America. Environmental entomology. Dec 1981. v. 10 (6). p. 898-900. ill. Includes 4 ref. (NAL Call No.: QL461.E532).

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JEENAI. Baker, T.C. Van Vorhis Key, S.E.; Gaston, L.K. College Park, Md. : Entomological Society of America. Journal of economic entomology. Oct 1985. v. 78 (5). p. 1083-1088. ill. Includes references. (NAL Call No.: DNAL 421 J822).

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Binomial and sequential sampling of *Euseius tularensis* (Acari: Phytoseiidae), a predator of citrus red mite (Acari: Tetranychidae) and citrus thrips (Thysanoptera: Thripidae).
JEENAI. Grout, T.G. College Park, Md. : Entomological Society of America. Journal of economic entomology. June 1985. v. 78 (3). p. 567-570. ill. Includes references. (NAL Call No.: DNAL 421 J822).

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Biological control of citrus blackfly (*Aleurocanthus woglumi*) in south Florida.
Selhime, A.G. AR-SD. s.l., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. June 1, 1980. v. 92. p. 32-33. ill. 4 ref. (NAL Call No.: 81 F66).

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Biological control of citrus blackfly (*Aleurocanthus woglumi*) in southern Florida (through use of parasitoids, *Amitus hesperidum*, *Prospaltella opulenat*, and *Prospaltella clypealis*).

Dowell, R.V. Fitzpatrick, G.E. College Park, Md., Entomological Society of America. Environmental entomology. Aug 1979. v. 8 (4). p. 595-597. ill. 14 ref. (NAL Call No.: QL461.E532).

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Biological control of citrus blackfly (Homoptera: Aleyrodidae) in Texas (*Aleurocanthus woglumi*).

Summy, K.R.EVETB. Gilstrap, F.E.; Hart, W.G.; Caballero, J.M.; Saenz, I. College Park : Entomological Society of America. Environmental entomology. June 1983. v. 12 (3). p. 782-786. maps. Includes references. (NAL Call No.: QL461.E532).

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Biological control of citrus insects (Includes history).

Clausen, C.P. Berkeley. The Citrus industry Berkeley. University of California. Division of Agricultural Sciences. 1978. v. 4. p. 276-320. ill. Bibliography p. 317-320. (NAL Call No.: SB369.C5 1967).

0257

Biological control of psyllid vectors of greening disease on Reunion Island (*Citrus*, *Trioza erythrae*, *Tetrastichus dryi*).

Etienne, J. Aubert, B. Gainesville. Proceedings of the conference - International Organization of Citrus Virologists. 1980. 1980. (8th). p. 118-121. ill. 7 ref. (NAL Call No.: 464.06 IN82).

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Biological control of the citrus blackfly in Mexico (by Herbert D. Smith, Harry L. Maltby, and Eleazar Jimenez Jimenez).

Smith, Herbert D. (Herbert Dwight), 1894-1959. Washington, D.C. Agricultural Research Service, U.S. Dept. of Agriculture 1964. 30 p. : ill., maps -. Bibliography: p. 29-30. (NAL Call No.: Fiche S-69 no.1311).

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Oliver, A.D.ANURA. Chicago : American Nurseryman Publishing Co. American nurseryman. Aug 15, 1981. v. 154 (4). p. 11, 37-38, 40. ill. (NAL Call No.: 80 AM371).

0260

Biology of *Amblyseius citrifolius* (Denmark and Muma) (Acarina--Phytoseiidae) (*Euseius*, biological control, citrus).

de Moraes, G.U. McMurtry, J.A. Berkeley, Calif., The Station. Hilgardia - California Agricultural Experiment Station. Jan 1981. . v. 49 (1). 29 p. ill. Bibliography p. 26-29. (NAL Call No.: 100 C12H).

0261

Biology of *Diomus flavifrons* (Blackburn) (Coleoptera: Coccinellidae), a citrus mealybug predator (*Planococcus citri*).

Meyerdirk, D.E.EVETB. College Park : Entomological Society of America. Environmental entomology. Aug 1983. v. 12 (4). p. 1275-1277. ill. Includes references. (NAL Call No.: QL461.E532).

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Dowell, Robert V. Gainesville Agricultural Experiment Station, Institute of Food and Agricultural Sciences, University of Florida 1981. 49 p. : ill. ; 23 cm. -. Bibliography: p. 45-48. (NAL Call No.: 100 F66S (1) no. 818).

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Bionomics and pest status of the citrus thrips, *Scirtothrips citri* (Thysanoptera: thripidae).

Tanigoshi, L.K. Shimizu, Japan : International Society of Citriculture, 1982-1983. Proceedings of the International Society of Citriculture / International Citrus Congress, November 9-12, 1981, Tokyo, Japan ; K. Matsumoto, editor . p. 677-683. ill., maps. Includes 20 references. (NAL Call No.: DNAL SB369.I5 1981).

0264

Bionomics of California red scale, *Aonidiella aurantii* (Maskell) (Homoptera:Diaspididae), on orange fruits, leaves, and wood in California's San Joaquin Valley.

Carroll, D.P. Luck, R.F. College Park, Md. : Entomological Society of America. Environmental entomology. June 1984. v. 13 (3). p. 847-853. Includes references. (NAL Call No.:)

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QL461.E532).

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California red scale: an economic appraisal of an insect monitoring program.

Ervin, R.T. Gardner, P.D.; Moreno, D.S.; Baritelle, J.L. Beltsville, Md. : The Service. ARS - United States Department of Agriculture, Agricultural Research Service. Aug 1984. (4). 29 p. Includes 30 references. (NAL Call No.: DNAL aS21.R44A7).

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Avis, D.A. Clark, M.L. Van Nuys, Calif., Sunkist Growers, Inc., Pest Control. Pest control circular. June 1982. June 1982. (530,i.e.531). 2 p. ill. (NAL Call No.: 423.9 C12E).

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Butler, M. Phoenix, Ariz. : Elliott L. Cushman. Arizona farmer rancher. Feb 1985. v. 64 (2). p. 5. (NAL Call No.: DNAL 6 AR44).

0268

California red scale predator may create citricola control dilemma (Citrus insect pests, biological control).

Elmer, H.S. Brawner, O.L.; Ewart, W.H. Berkeley, Calif., The Station. California agriculture - California Agricultural Experiment Station. Nov/Dec 1980. v. 34 (11/12). p. 20-21. ill. (NAL Call No.: 100 C12CAG).

0269

Capture of *Diaprepes abbreviatus* (Coleoptera: Curculionidae) in frass extract-baited traps in citrus.

Jones, I.F. Schroeder, W.J. College Park, Md. : Entomological Society of America. Journal of economic entomology. Apr 1984. v. 77 (2). p. 334-336. Includes references. (NAL Call No.: 421 J822).

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Dean, H.A. Meyerdirk, D.E. College Park, Md., Entomological Society of America. Environmental entomology. Feb 1982. v. 11 (1). p. 177-180. Includes 9 ref. (NAL Call No.: QL461.E532).

0272

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Elmer, H.S. Brawner, O.L.; Ewart, W.H. Los Angeles, California Citrograph Publishing Co. Citrograph. Apr 1981. v. 66 (6). p. 137-138, 151. 1 ref. (NAL Call No.: 80 C125).

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Washington, D.C., The Department. Program aid. United States. Dept. of Agriculture. July 1977. July 1977. (1195). 4 p. ill. (NAL Call No.: 1 AG84PRD).

0274

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Raleigh, N.C., Specialized Agricultural Publications. Florida grower and rancher. Apr 1979. v. 72 (4). p. 12-13. (NAL Call No.: 80 F6622).

0275

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Clausen, Curtis P. (Curtis Paul). Washington, D.C. U.S. Dept. of Agriculture 1932. 59 p. : ill. -. Bibliography: p. 58. (NAL Call No.: Fiche S-69 no.320).

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McCoy, C.W. Orlando, Fla. : Academic Press, 1985. Biological control in agricultural IPM systems / edited by Marjorie A. Hoy, Donald C. Herzog. Paper presented at the "Symposium on Biological Control in Agricultural Integrated

Pest Management Systems" June 4-6, 1984, held at the Citrus Research and Education Center, University of Florida, at. p. 481-499. Includes references. (NAL Call No.: DNAL SB933.3.B548).

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Schroeder, W.J. AR-AR-SO. Sutton, R.A. Reprints. United States. Agricultural Research Service. (NAL Call No.: aS21.A8U5/ARS).

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Citrus, Diaprepes abbreviatus control, Plymouth, Florida, 1979.

Schroeder, W.J. College Park : Entomological Society of America. Insecticide and acaricide tests. 1980. v. 5. p. 42. (NAL Call No.: SB950.A1I49).

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Citrus, Diaprepes abbreviatus ovicidal tests, Plymouth, Florida, 1979.

Sutton, R.A. Schroeder, W.J. College Park : Entomological Society of America. Insecticide and acaricide tests. 1980. v. 5. p. 42. (NAL Call No.: SB950.A1I49).

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Citrus fumigation: the California rules will be different (Ethylene dibromide, Medfly).

Los Angeles, California Citrograph Publishing Co. Citrograph. Mar 1981. v. 66 (5). p. 101-102, 110. (NAL Call No.: 80 C125).

0281

Citrus (insect and mite) pest and disease control in the home orchard.

Sakovich, N. CA. Berkeley, Calif., The Service. Leaflet - University of California, Cooperative Extension Service. July 1980. July 1980. (21166). 4 p. ill. (NAL Call No.: S544.3.C2C3).

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Citrus (insect) pests in an urban environment.

Dowell, R.V. Cherry, R.H.; Fitzpatrick, G.E. Orlando, Florida Academy of Sciences. Florida scientist. Fall 1979. v. 42 (4). p. 196-200. ill. Bibliography p. 200. (NAL Call No.: 500 F66).

0283

Citrus mealybug control on coleus in the greenhouse, Georgia, 1979 (Planococcus citri).

Oetting, R.D. College Park : Entomological Society of America. Insecticide and acaricide tests. 1980. v. 5. p. 170. (NAL Call No.: SB950.A1I49).

0284

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Moreno, D.S. Fargerlund, J.; Ewart, W.H. College Park : The Society. Annals of the Entomological Society of America. Jan 1984. v. 77 (1). p. 32-38. Includes references. (NAL Call No.: 420 EN82).

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Meyerdirk, D.E. French, J.V. College Park, Md., Entomological Society of America. Journal of economic entomology. Dec 1979. v. 72 (6). p. 893-895. ill. 12 ref. (NAL Call No.: 421 J822).

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Harlan, D.P. Hart, W.G. Westlaco, Tex., The Society. Journal. Rio Grande Valley Horticultural Society. 1977. v. 31. p. 33-36. ill. 7 ref. (NAL Call No.: 81 L95).

0287

Citrus pulp bait insecticide formulations for control of velvetbean caterpillar and bean leaf beetle on soybean (Anticarsia gemmatilis, Cerotoma trifurcata).

Harper, J.D. Gainesville, Florida Entomological Society. Florida entomologist. Dec 1981. v. 64 (4). p. 538-540. (NAL Call No.: 420 F662).

0288

Citrus red mite: A potentially damaging pest of Texas citrus (Panonychus citri).

French, J.V. Hutchinson, E.M. Westlaco, Tex., The Society. Journal of the Rio Grande Valley Horticultural Society. 1980. v. 34. p. 107-114. ill., maps. 16 ref. (NAL Call No.: 81 L95).

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Citrus red mite control (CRM), 1981 (Panonychus citri).

Childers, C.C. Sorrell, R.W. College Park : Entomological Society of America. Insecticide and acaricide tests. 1982. v. 7. p. 53-55. (NAL Call No.: SB950.A1I49).

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Citrus red mite (Panonychus citri): a potentially damaging pest of Texas citrus.

French, J.V. Hutchinson, E.M. Weslaco, Tex., The Society. Journal of the Rio Grande Valley Horticultural Society. 1980. v. 34. p. 107-114. ill., map. 16 ref. (NAL Call No.: 81 L95).

0291

Citrus red mite (Panonychus citri) found in Lower Rio Grande Valley.

French, J.V. Hutchinson, E.M. Los Angeles, California Citrograph Publishing Co. Citrograph. May 1980. v. 65 (7). p. 197-198. ill. 7 ref. (NAL Call No.: 80 C125).

0292

Citrus red mite (Panonychus citri) populations in relation to virus disease and predaceous mites in southern California (Valencia orange groves).

McMurtry, J.A. Shaw, J.G. College Park, Md., Entomological Society of America. Environmental entomology. Feb 15, 1979. v. 8 (1). p. 160-164. ill. 12 ref. (NAL Call No.: QL461.E532).

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The citrus rust mite and its control by W.W. Yothers and Arthur G. Mason.

Yothers, W. W. (William Walter), 1879. Washington, D.C. U.S. Dept. of Agriculture 1930. 56 p. : ill. -. Bibliography: p. 55-56. (NAL Call No.: Fiche S-69 no.176).

0294

Citrus rust mite control (CRM), 1981 (Phyllocoptruta oleivora).

Childers, C.C. Sorrell, R.W. College Park : Entomological Society of America. Insecticide and acaricide tests. 1982. v. 7. p. 57-58. (NAL Call No.: SB950.A1I49).

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Citrus rust mite control, 1979 (Phyllocoptruta oleivora).

Selhime, A.G. College Park : Entomological Society of America. Insecticide and acaricide tests. 1980. v. 5. p. 46-47. (NAL Call No.: SB950.A1I49).

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The citrus rust mite game: a simulation model of pest losses.

Allen, J.C. College Park, Md., Entomological Society of America. Environmental entomology. Apr 1981. v. 10 (2). p. 171-176. 21 ref. (NAL Call No.: QL461.E532).

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Dean, H.A. Weslaco, Tex., The Society. Journal of the Rio Grande Valley Horticultural Society. Rio Grande Valley Horticultural Society. 1979. v. 33. p. 55-61. ill. 1 ref. (NAL Call No.: 81 L95).

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Citrus thrips (by Lynell K. Tanigoshi and Joyce Y. Nishio-Wong).

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Citrus thrips: a major pest of California citrus.

Tanigoshi, L.K. Bailey, J.B.; Moreno, D.S. Berkeley, Calif., The Service. Leaflet - University of California, Cooperative Extension Service. Mar 1981. Mar 1981. (21224). 4 p. ill. (NAL Call No.: S544.3.C2C3).

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Citrus thrips: biology, ecology, and control (Scirtothrips citri, California).

Tanigoshi, L.K. Nishio-Wong, J.Y. Washington, D.C., The Department. Technical bulletin - United States Dept. of Agriculture. July 1982. July 1982. (1668). 17 p. ill. 1 p. ref. (NAL Call No.: 1 AG84TE).

0303

Citrus thrips, *Scirtothrips citri* (Thysanoptera:Thripidae) and 'Washington' navel orange injury.

EVETEX. Tanigoshi, L.K. Moffitt, L.J. College Park, Md. : Entomological Society of America. Environmental entomology. Oct 1984. v. 13 (5). p. 1312-1318. Includes references. (NAL Call No.: DNAL QL461.E532).

0304

Citrus whitefly (*Dialeurodes citri*) parasites established in California.

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0319

Cultivation in vitro of spiroplasmas from six plant hosts and two leafhopper vectors in Arizona (Brassica tournefortii, citrus, mycoplasma-like organisms, Salsola kali, Sisymbrium irio).

Allen, R.M. Donndelinger, C.R. St. Paul, American Phytopathological Society. Plant disease. Aug 1982. v. 66 (8). p. 669-672. ill. 19 ref. (NAL Call No.: 1.9 P69P).

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Dangerous pest, the Medfly, invades Los Angeles County (Ceratitis capitata, citrus, vegetables).

Vista, Calif., Rancher Publications. Avocado grower. Aug 1980. v. 4 (8). p. 16-17. ill. (NAL Call No.: SB379.A9A9).

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0323

Developmental biology of the leafhopper, Scaphytopius nitridus (Homoptera: Cicadellidae), with notes on distribution, hosts, and interspecific breeding (Vector of Spiroplasma citri, cause of stubborn disease of citrus).

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0324

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0325

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Selhime, A.G. Hart, W.G.; Harlan, D.P. Gainesville, Florida Entomological Society. Florida entomologist. Mar 1982. v. 65 (1). p. 165-168. ill., map. Includes 1 ref. (NAL Call No.: 420 F662).

0332

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0333

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0334

Dissemination of the citrus whitefly (*Homoptera:Aleyrodidae*) parasite *Encarsia laborensis* (Howard) (*Hymenoptera:Aphelinidae*) and its effectiveness as a control agent in Florida (*Dialeurodes citri*).

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J.C.E. College Park, Md. : The Society. Bulletin of the Entomological Society of America. Summer 1984. v. 30 (2). p. 36-39. maps. Includes references. (NAL Call No.: 423.9 EN8).

0335

Distribution of *Panonychus citri* (McGregor) and *Euseius tularensis* Congdon on central California orange trees with implications for binomial sampling.

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0337

Distributional loci and host fruit utilization patterns of the mediterranean fruit fly, *Ceratitidis capitata* (Diptera: Tephritidae), in Hawaii.

EVETEX. Nishida, T. Harris, E.J.; Vargas, R.I.; Wong, T.T.Y. College Park, Md. : Entomological Society of America. Environmental entomology. Oct 1985. v. 14 (5). p. 602-606. maps. Includes references. (NAL Call No.: DNAL QL461.E532).

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Allen, J.C. College Park, Entomological Society of America. Journal of economic entomology. Apr 15, 1979. v. 72 (2). p. 195-201. ill. 13 ref. (NAL Call No.: 421 J822).

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Allen, J.C. s.l., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. June 1, 1980. v. 92. p. 46-48. ill. 13 ref. (NAL Call No.: 81 F66).

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Sharp, J.L. Little, H.F. College Park, Md., The Society. Annals of the Entomological Society of America. Mar 1982. v. 75 (2). p. 146-149. ill. Includes 9 ref. (NAL Call No.: 420 EN82).

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Effect of pesticide residues on the natural enemies of citrus mealybug (*Planococcus citri*).

Meyerdirk, D.E. French, J.V.; Hart, W.G. College Park, Md., Entomological Society of America. Environmental entomology. Feb 1982. v. 11 (1). p. 134-136. Includes 6 ref. (NAL Call No.: QL461.E532).

0345

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Tanigoshi, L.K. AR-W. Nishio, J.Y.; Moreno, D.S.; Fargerlund, J. College Park, Md., The Society. Annals of the Entomological Society of America. July 1980. v. 73 (4). p. 378-381. ill. 9 ref. (NAL Call No.: 420 EN82).

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Peleg, B.A. Gothilf, S. College Park, Md., Entomological Society of America. Journal of economic entomology. Feb 1981. v. 74 (1). p. 124-126. 7 ref. (NAL Call No.: 421 J822).

0347

Effect of wind-borne pollens on the population dynamics of *Amblyseius hibisci* (Acarina: Phytoseiidae) (an important predator of citrus red mite, *Panonychus citri*).

Kennett, C.E. Flaherty, D.L. Paris, Organisation internationale de lutte biologique contre les animaux et plantes nuisibles. Entomophaga. 1979. v. 24 (1). p. 83-98. ill. 7 ref. (NAL Call No.: 421 EN835).

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0350

Effects of Florida citrus pest control practices on the citrus blackfly (*Aleurocanthus woglumi*) (Homoptera: Aleyrodidae) and its associated natural enemies.

Fitzpatrick, G.E. Cherry, R.H. Ottawa, Entomological Society of Canada. Canadian entomologist. June 1979. v. 111 (6). p. 731-734. ill. 13 ref. (NAL Call No.: 421 C16).

0351

Effects of temperature on the circadian rhythm of navel orangeworm sexual activity (*Amelois transitella*, California).

Landolt, P.J. Curtis, C.E. College Park, Md., Entomological Society of America. Environmental entomology. Feb 1982. v. 11 (1). p. 107-110. ill. Includes 7 ref. (NAL Call No.: 421 J822).

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0352

Egg attachment of citrus blackfly *Aleurocanthus woglumi* Ashby to citrus leaves.

Guillot, F.S. Droste, T. College Station, Tex., Southwestern Entomological Society. The Southwestern entomologist. Sept 1979. v. 4 (3). p. 167-169. ill. 3 ref. (NAL Call No.: QL461.S65).

0353

Eradication of citrus blackfly (*Aleurocanthus woglumi*), biological and chemical control (*Amitus hesperidum*, *Prospaltella opulenta*).

Lotorto, G.F. Lake Alfred. Proceedings of the ... annual meeting Florida State Horticultural Society. 1978 (pub. 1979). v. 91. p. 192-193. (NAL Call No.: 81 F66).

0354

Eradication of red scale in Yuma County citrus. McDonald, H. Los Angeles. Citrograph. Jan 1979. v. 64 (3). p. 57, 59. (NAL Call No.: 80 C125).

0355

***Eryngiopus citri*, a new mite on Florida citrus with descriptions of the developmental stages (*Stigmaeidae*: *Actinedida*).**

FETMA. Rakha, M.A. McCoy, C.W. Gainesville, Fla. : Florida Entomological Society. Florida entomologist. Dec 1984. v. 67 (4). p. 504-507. ill. Includes 6 references. (NAL Call No.: DNAL 420 F662).

0356

Establishment of *Goniozus Emigratus* and *Goniozus legneri* (Hymenoptera: Bethyridae) on navel orangeworm, *Amyelois transitella* (Lepidoptera: Phycitidae) in California and biological control potential.

ETPGA. Legner, E.F. Silveira-Guido, A. Paris : Lavoisier Abonnements. Entomophaga. 1983. v. 28 (2). p. 97-106. Includes references. (NAL Call No.: DNAL 421 EN835).

0357

Establishment of the exotic parasite *Tetrastichus haitiensis* (Hymenoptera: Eulophidae) and recovery of a new *Trichogramma* (Hymenoptera: Trichogrammatidae) from (citrus) root weevil egg masses in Florida.

Beavers, J.B. AR-SO. Lovestrand, S.A.; Selhime, A.G. Paris, Le Francois. Entomophaga. 1980. v. 25 (1). p. 91-94. 12 ref. (NAL Call No.: 421 EN835).

0358

Eupalopsellid mites on Florida citrus, with a description of *Exothorhis caudata* summers development stages

(*Eupalopsellidae*: *Raphignathoidea*).

FETMA. Rakha, M.A. McCoy, C.W. Gainesville, Fla. : Florida Entomological Society. Florida entomologist. Mar 1985. v. 68 (1). p. 141-144. Includes references. (NAL Call No.: DNAL 420 F662).

0359

Evaluation of acaricides for control of citrus red mite on lemons, 1981 (*Panonychus citri*).

Tuttle, D.M. Mullis, C.H. College Park : Entomological Society of America. Insecticide and acaricide tests. 1982. v. 7. p. 50. (NAL Call No.: SB950.A1149).

0360

Evaluation of carbosulfan for rust mite suppression on Texas citrus.

French, J.V. JRGVA. Weslaco : The Society. Journal - Rio Grande Valley Horticultural Society. 1983. v. 36. p. 81-85. (NAL Call No.: 81 L95).

0361

Evaluation of PP 199 and ZR 856 (acaricides) for rust mite (*Phyllocopttruta oleivora*) control on Texas citrus.

French, J.V. Reeve, R.J. Westlaco, Tex., The Society. Journal. Rio Grande Valley Horticultural Society. 1977. v. 31. p. 23-32. ill. 3 ref. (NAL Call No.: 81 L95).

0362

Evaluation of selected Citrus spp. and relatives for susceptibility to root injury by *Diaprepes abbreviatus* larvae (Coleoptera: Curculionidae).

FETMA. Beavers, J.B. Hutchinson, D.J. Gainesville, Fla. : Florida Entomological Society. Florida entomologist. Mar 1985. v. 68 (1). p. 222-223. Includes 2 references. (NAL Call No.: DNAL 420 F662).

0363

Evaluation of Vendex 4L and Vydate L for suppression of citrus rust mite (*Phyllocopttruta oleivora*).

French, V. Weslaco, Tex., The Society. Journal of the Rio Grande Valley Horticultural Society. 1982. v. 35. p. 121-126. Includes 9 ref. (NAL Call No.: 81 L95).

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0364

Feeding behavior of some phytoseiid predators on the boad mite, *Polyphagotarsonemus latus* (Acari:Phytoseiidae, Tarsonemidae) (Lemon pest, California).

Badii, M.H. McMurty, J.A. Paris : Balthazar Publications. Entomophaga. 1984. v. 29 (1). p. 49-53. Includes references. (NAL Call No.: 421 EN835).

0365

Field studies of the host range of the citrus blackfly, *Aleurocanthus woglumi* (Homoptera; Aleyrodidae).

Dowell, R.V. Howard, F.W. Ottawa. Canadian entomologist. Jan 1979. v. 111 (1). p. 1-6. ill. 18 ref. (NAL Call No.: 421 C16).

0366

Field test of the sex pheromone of *Amorbia cuneana* (Walsingham) (Lepidoptera: Tortricidae) (Pest of avocados and citrus).

Hoffmann, M.P. EVETB. McDonough, L.M.; Bailey, J.B. College Park : Entomological Society of America. Environmental entomology. Oct 1983. v. 12 (5). p. 1387-1390. Includes references. (NAL Call No.: QL461.E532).

0367

Field trials of potential naval orangeworm mating disruptants (*Amyelois transitella*, California).

Landolt, P.J. Curtis, C.E.; Coffelt, J.A.; Vick, K.W.; Doolittle, R.E. College Park, Md., Entomological Society of America. Journal of economic entomology. June 1982. v. 75 (3). p. 547-550. ill. Includes 1 p. ref. (NAL Call No.: 421 J822).

0368

The Fillmore Citrus Protective District: a success story in integrated pest management.

Graebner, L. Moreno, D.S.; Baritelle, J.L. College Park, Md. : The Society. Bulletin of the Entomological Society of America. Winter 1984. v. 30 (4). p. 27-33. Includes references. (NAL Call No.: DNAL 423.9 EN8).

0369

Flight behavior and color-trap preference of *Parabemisia myricae* (Kuwana) (Homoptera: Aleyrodidae) in a citrus orchard (California).

Meyerdirk, D.E. Moreno, D.S. College Park, Md. : Entomological Society of America. Environmental entomology. Feb 1984. v. 13 (1). p. 167-170. Includes references. (NAL Call No.: QL461.E532).

0370

Flight behavior of the citrus blackfly (*Aleurocanthus woglumi*).

Meyerdirk, D.E. Hart, W.G. College Park, Md., Entomological Society of America. Journal of economic entomology. June 1979. v. 72 (3). p. 395-398. ill. 4 ref. (NAL Call No.: 421 J822).

0371

Four year summary of cooperative extension service integrated pest management program (Orange groves, Florida).

Townsend, K.G. Abbitt, B. Lake Alfred. Proceedings of the ... annual meeting Florida State Horticultural Society. 1978 (pub. 1979). v. 91. p. 68-72. ill. 12 ref. (NAL Call No.: 81 F66).

0372

Frequency distribution of citrus rust mite (*Phyllocoptruta oleivora*) damage on citrus fruit (Oranges, grapefruit).

Allen, J.C. Stamper, J.H. College Park, Md., Entomological Society of America. Journal of economic entomology. June 1979. v. 72 (3). p. 327-330. ill. 9 ref. (NAL Call No.: 421 J822).

0373

Fruit residue data and worker reentry research for chlorthiophos applied to California citrus trees (Insecticide).

Iwata, Y. Knaak, J.B.; Carman, G.E.; Dusch, M.E.; Gunther, F.A. Washington, D.C., American Chemical Society. Journal of agricultural and food chemistry. Mar/Apr 1982. v. 30 (2). p. 215-222. ill. Includes 23 ref. (NAL Call No.: 381 J8223).

0374

Fumigation of citrus trees for control of insect pests *R.S. Woglum* . -.

Woglum, R. S. Washington, D.C. : U.S. Dept. of Agriculture, 1923. 59 p. : ill. -. Includes bibliographical references. (NAL Call No.: DNAL Fiche S-70 no.1321).

0375

Greenhouse- and laboratory-rearing studies of *Euseius hibisci* (Chant) (Acarina: Phytoseiidae), a natural enemy of the citrus thrips, *Scirtothrips citri* (Moulton) (Thysanoptera: Thripidae).

Tanigoshi, L.K. EVETB. Nishio-Wong, J.Y.; Fargerlund, J. College Park : Entomological Society of America. Environmental entomology. Aug 1983. v. 12 (4). p. 1298-1302. ill. Includes references. (NAL Call No.: QL461.E532).

0376

Greenhouse insecticide evaluations for suppression of citrus mealybug (*Planococcus citri*) of ornamental foliage plants.
Chandler, L.D. TX. College Station, Tex., The Station. PR - Texas Agricultural Experiment Station. May 1980. May 1980. (3685). 11 p. 8 p. (NAL Call No.: 100 T31P).

0377

Greenhouse rearing of citrus thrips *Scirtothrips citri* for experimental testing (of California sumac shrubs, *Rhus laurina*).
Tanigoshi, L.K. Nishio-Wong, J.Y. College Park, Md., Entomological Society of America. Journal of economic entomology. Apr 1981. v. 74 (2). p. 213-214. ill. 7 ref. (NAL Call No.: 421 J822).

0378

Head capsule width as an index of age in larvae of navel orangeworm, *Amyelois transitella* (Lepidoptera: Pyralidae).
Caltagirone, L.E. EVETB. Getz, W.; Meals, D.W. College Park : Entomological Society of America. Environmental entomology. Feb 1983. v. 12 (1). p. 219-221. Includes references. (NAL Call No.: QL461.E532).

0379

High density citrus plantings (Grapefruit and oranges).
Hutton, P.J. Los Angeles, California Citrograph Publishing Co. Citrograph. May 1981. v. 66 (7). p. 177-178. (NAL Call No.: 80 C125).

0380

High pressure liquid chromatographic determination of 3,5-dimethyl-4-(methylthio)phenyl methylcarbamate in formulations (Insecticide used as a foliar spray on fruits, citrus trees, and ornamentals).
Fuzesi, M. Washington. Journal Association of Official Analytical Chemists. Jan 1979. v. 62 (1). p. 5-7. ill. 3 ref. (NAL Call No.: 381 AS7).

0381

History and establishment of the parasite, *Prospaltella lahorensis*, for the biological control of citrus whitefly in central Florida.
McCoy, C.W. Sailer, R.I.; Knapp, J.L. s.l., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. 1980 (pub 1981). v. 93. p. 47-49. ill., maps. 13 ref. (NAL Call No.: 81 F66).

0382

Identification of the sex pheromone of the yellow scale (*Aonidiella citrina*, pest of citrus crops).
Gieselmann, M.J. Moreno, D.S. New York, Plenum Pub. Corp. Journal of chemical ecology. Jan 1979. v. 5 (1). p. 27-33. ill. 7 ref. (NAL Call No.: QD415.A1J6).

0383

Identification of weevil egg masses (Coleoptera: Curculionidae) by enzyme electrophoresis.
FETMA. Jones, I.F. Beavers, J.B.; Schroeder, W.J. Gainesville, Fla. : Florida Entomological Society. Florida entomologist. Dec 1984. v. 67 (4). p. 573-575. ill. Includes 5 references. (NAL Call No.: DNAL 420 F662).

0384

An illustrated redescription of *Icerya purchasi* (Citrus and greenhouse pest, taxonomic morphology).
Howell, J.O. Beshear, R.J. Athens, Ga., The Society. Journal of the Georgia Entomological Society. Oct 1981. v. 16 (4). p. 441-444. ill. 6 ref. (NAL Call No.: QL461.G4).

0385

Increased susceptibility of laboratory-reared vs. wild Caribbean fruit fly, *Anastrepha suspensa* (Loew) (Diptera: Tephritidae), larvae to toxic citrus allelochemicals.
Styer, S.C. EVETB. Greany, P.D. College Park : Entomological Society of America. Environmental entomology. Oct 1983. v. 12 (5). p. 1606-1608. Includes references. (NAL Call No.: QL461.E532).

0386

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Purvis, A.C. Alexandria, Va., American Society for Horticultural Science. HortScience. Dec 1980. v. 15 (6). p. 731-733. ill. 11 ref. (NAL Call No.: SB1.H6).

0387

Influence of pesticides on nontarget citrus pests in California's central valley.
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0388

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French, J.V. Reeve, R.U. College Station, Tex., Southwestern Entomological Society. The Southwestern entomologist. Sept 1979. v. 4 (3). p. 238-243. ill. 7 ref. (NAL Call No.: QL461.S65).

0389

Insecticide (aldicarb) holds promise for stubborn (disease) control (in California citrus, insect vectors).
Kaloostian, G.H. Los Angeles, California Citrograph Publishing Co. Citrograph. June 1979. v. 64 (8). p. 201. (NAL Call No.: 80 C125).

0390

Integrated control (of citrus insect pests)--a combined effort (Florida).
Mahoney, M.P. Tampa. Citrus and vegetable magazine. Apr 1979. v. 42 (8). p. 14, 28-29. ill. (NAL Call No.: 80 C498).

0391

Integrated pest management in California citrus.
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0392

Integrated pest management in Florida citrus (Primary scale pests, biological and chemical control, history).
Knapp, J.L. Bartow, Fla. : Citrus Industry. Citrus industry. Sept 1984. v. 65 (9). p. 39-40, 42-47. Includes 5 references. (NAL Call No.: 80 C49).

0393

Interactions between *Cycloneda sanguinea* and the brown citrus aphid: adult feeding and larval mortality.
EVETEX. Morales, J. Burandt, C.L. Jr. College Park, Md. : Entomological Society of America. Environmental entomology. Aug 1985. v. 14 (4). p. 520-522. Includes references. (NAL Call No.: DNAL QL461.E532).

0394

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Jones, V.P. Parrella, M.P. College Park, Md. : Entomological Society of America. Journal of economic entomology. June 1984. v. 77 (3). p. 810-813. Includes references. (NAL Call No.: 421 J822).

0395

The introduction and establishment of parasites of citrus blackfly *Aleurocanthus woglumi* in Florida.
Hart, W.G. Selhime, A.G. Bartow, Fla., Associated Publications Corp. Citrus industry. Feb 1979. v. 60 (2). p. 24-25, 27-28, 30, 32, 34. ill. 4 ref. (NAL Call No.: 80 C49).

0396

The introduction and establishment of parasites of citrus blackfly, *Aleurocanthus woglumi* in Florida (*Hemiptera: Aleyrodidae*).
Hart, W.G. Selhime, A. Paris, Organisation internationale de lutte biologique contre les animaux et plantes nuisibles. Entomophaga. 1978. v. 23 (4). p. 361-366. ill. 4 ref. (NAL Call No.: 421 EN835).

0397

Isolation and identification of a component of the female sex pheromone gland attractive to male *Xylomyges curialis* (pest of citrus and plums in California).
McDonough, L.M. Moreno, D.S.; Bierl-Leonhardt, B.A.; Butt, B.A. College Park, Md., Entomological Society of America. Environmental entomology. June 15, 1982. v. 11 (3). p. 660-662. Includes ref. (NAL Call No.: QL461.E532).

0398

Isolation, identification, and synthesis of a female sex pheromone of the navel orangeworm, *Amyelois transitella* (*Lepidoptera: Pyralidae*).
Coffelt, J.A. AR-SO. Vick, K.W.; Sonnet, P.E.; Doolittle, R.E. New York, Plenum Press. Journal of chemical ecology. Nov 1979. v. 5 (6). p. 941-953. ill. 20 ref. (NAL Call No.: QD415.A1J6).

0399

Isozyme differentiation among 17 geographical isolates of *Hirsutella thompsonii* (Fungal pathogen of citrus rust mite, *Phyllocoptruta oleivora*).

Boucias, D.G. McCoy, C.W.; Joslyn, D.J. New York, Academic Press. Journal of invertebrate pathology. May 1982. v. 39 (3). p. 329-337. ill. 2 p. ref. (NAL Call No.: 421 J826).

0400

Longevity and oviposition of vedalia beetles on artificial diets (*Rhodolia cardinalis*, biological control agent of cottony cushion scales, *Icerya purchasi*, orange tree pest).

Matsuka, M. Watanabe, M.; Nijima, K. College Park, Md., Entomological Society of America. Environmental entomology. Aug 1982. v. 11 (4). p. 816-819. ill. 12 ref. (NAL Call No.: QL461.E532).

0401

Market diseases of citrus and other subtropical fruit / by John J. Smoot, Laurie G. Houck, Howard B. Johnson.

Smoot, John J. Houck, Laurie Gerald.; 1928-; Johnson, Howard B. Washington, D.C. Agricultural Research Service, U.S. Dept. of Agriculture, For sale by the Supt. of Docs., U.S. G.P.O. 1971?. iv, 115 p. : col. ill. ; 23 cm. - Bibliography: p. 82-101. (NAL Call No.: 1 Ag84Ah no.398 1971).

0402

Marking and dispersal study of adults of the citrus blackfly, *Aleruocanthus woglumi*.

Meyerdirk, D.E. AR-SD. Hart, W.G.; Burnside, J. College Station, Tex., Southwestern Entomological Society. The Southwestern entomologist. Dec 1979. v. 4 (4). p. 325-329. ill. 10 ref. (NAL Call No.: QL461.S65).

0403

The Medfly: a continuing terror in Texas citrus.

Los Angeles, California Citrograph Publishing Co. Citrograph. July 1981. v. 66 (9). p. 219-220. (NAL Call No.: 80 C125).

0404

Medfly eradication in California: impact of malathion-bait sprays on an endemic gall midge and its parasitoids.

ETEAAT. Ehler, L.E. Endicott, P.C.; Hertlein, M.B.; Alvarado-Rodriguez, B. Dordrecht : Dr W. Junk Publishers. Entomologia experimentalis et applicata. 1984. v. 36 (3). p. 201-208. ill. Includes references. (NAL Call No.: DNAL 421

EN895).

0405

Mediterranean fruit fly (Diptera: Tephritidae) host status of commercial lemon.

JEENAI. Spitler, G.H. Armstrong, J.W.; Couey, H.M. College Park, Md. : Entomological Society of America. Journal of economic entomology. Dec 1984. v. 77 (6). p. 1441-1444. ill. Includes references. (NAL Call No.: DNAL 421 J822).

0406

Microbial control of the citrus rust mite with the mycoacaricide, Mycar (*Phyllocoptruta oleivora*, Florida).

McCoy, C.W. Couch, T.L. Gainesville, Florida Entomological Society. Florida entomologist. Mar 1982. v. 65 (1). p. 116-126. Includes 2 p. ref. (NAL Call No.: 420 F662).

0407

Migration and development of citrus rust mite (*Phyllocoptruta oleivora*) on the spring flush of Valencia orange.

McCoy, C.W. s.l., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. June 1, 1980. v. 92. p. 48-51. ill. 11 ref. (NAL Call No.: 81 F66).

0408

Mite control, 1979 (Citrus rust mite, *Phyllocoptruta oleivora*).

Childers, C.C. Konsler, B.A. College Park : Entomological Society of America. Insecticide and acaricide tests. 1980. v. 5. p. 45-46. (NAL Call No.: SB950.A1149).

0409

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Elmer, H.S. Los Angeles, Calif. : California Citrograph Pub. Co. Citrograph. Dec 1984. v. 70 (2). p. 37-38. (NAL Call No.: DNAL 80 C125).

0410

Modifying weed sprayers for citrus thrips control (*Scirtothrips citri*).

Elmer, H.S. CAGRA. Brawner, D.L.; Morse, J.G. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. Mar/Apr 1983. v. 37 (3/4). p. 15-16. ill. (NAL Call No.: 100 C12CAG).

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0411

Monitoring insect pest populations by trapping in California citrus orchards.
Moreno, D.S. Kennett, C.E. Shimizu, Japan : International Society of Citriculture, 1982-1983. Proceedings of the International Society of Citriculture / International Citrus Congress, November 9-12, 1981, Tokyo, Japan ; K. Matsumoto, editor . p. 684-689. Includes 39 references. (NAL Call No.: DNAL SB369.I5 1981).

0412

Natural enemies of *Diaprepes abbreviatus* larvae in Florida (Fungi, nematodes, weevil, citrus).
Beavers, J.B.PFSHA. Kaplan, D.T.; McCoy, C.W. Lake Alfred : The Society. Proceedings of the ... annual meeting - Florida State Horticultural Society. 1982. v. 95. p. 63-65. ill., maps. Includes references. (NAL Call No.: 81 F66).

0413

Natural enemies of subterranean *Diaprepes abbreviatus* (Coleoptera: Curculionidae) larvae in Florida (Sugarcane rootstock borer weevil, pest of citrus and sugarcane).
Beavers, J.B.EVETB. McCoy, C.W.; Kaplan, D.T. College Park : Entomological Society of America. Environmental entomology. June 1983. v. 12 (3). p. 840-843. maps. Includes references. (NAL Call No.: QL461.E532).

0414

New developments in the biological control of insects on citrus.
Bullock, R.C. Bartow, Fla. : Citrus Industry. Citrus industry. Aug 1984. v. 65 (8). p. 16-19. (NAL Call No.: 80 C49).

0415

A new fungal pathogen of the scavenger mite, *Tydeus gloveri* (Citrus pest, biological control, *Hirsutella tydeicola*, taxonomic morphology, Florida).
Samson, R.A.JIVPA. McCoy, C.W. New York : Academic Press. Journal of invertebrate pathology. Sept 1982. v. 40 (2). p. 216-220. ill. Includes references. (NAL Call No.: 421 J826).

0416

A new synthesis of the California red scale pheromone from S-(+)-carvone.
TELEAY. Caine, D. Crews, E. Oxford : Pergamon Press. Tetrahedron letters. 1984. v. 25 (47). p. 5359-5362. ill. Includes references. (NAL Call No.: DNAL 385 T29).

0417

New wasp may help control navel orangeworm (*Amyelois transitella*, wasp, *Goniozus legneri*, biological control).
Legner, E.F. Gordh, G.; Silveira-Guido, A.; Badgley, M.E. Berkeley, Calif., The Station. California agriculture - California Agricultural Experiment Station. May/June 1982. v. 36 (5/6). p. 4-5. ill. (NAL Call No.: 100 C12CAG).

0418

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Selhime, A.G. Bartow, Fla. : Citrus Industry. Citrus industry. Nov 1984. v. 65 (11). p. 24-27, 31. Includes 6 references. (NAL Call No.: DNAL 80 C49).

0419

The opportunistic origin of a new citrus pest (*Papilio zelicaon*).
Shapiro, A.M. CA. Masuda, K.K. Berkeley, Calif., The Station. California agriculture - California Agricultural Experiment Station. June 1980. v. 34 (6). p. 4-5. ill. (NAL Call No.: 100 C12CAG).

0420

Orange, citrus rust mite control (CRM) 1981 (*Phyllocoptruta oleivora*).
Childers, C.C. Sorrell, R.W. College Park : Entomological Society of America. Insecticide and acaricide tests. 1982. v. 7. p. 56. (NAL Call No.: SB950.A1I49).

0421

Orange, citrus rust mite control (CRM), 1981 (*Phyllocoptruta oleivora*).
Childers, C.C. Knapp, J.L.; Fasulo, T.R.; Sorrell, R.W. College Park : Entomological Society of America. Insecticide and acaricide tests. 1982. v. 7. p. 51-53. (NAL Call No.: SB950.A1I49).

0422

Pest management considerations of the effects of pesticides on Texas citrus pests and certain parasites (Integrated pest management).
Dean, H.A. Hart, W.G. Westlaco, Tex., The Society. Journal. Rio Grande Valley Horticultural Society. 1977. v. 31. p. 37-44. ill. 22 ref. (NAL Call No.: 81 L95).

0423

Pesticide application methods for citrus in Florida (Airblast sprayers, helicopters, airplanes).
Whitney, J.D. Brooks, R.F.; Bullock, R.C. Griffith, Australia, The Society. Proceedings ... International Society of Citriculture. 1978 (pub. 1980). 1978 (pub. 1980). p. 163-167. ill. Includes 30 ref. (NAL Call No.: SB369.I5).

0424

Pheromone aids red scale (*Aonidiella aurantii*) control (Citrus trees, lemons).
Dean, J.P. Washington, U. S. Agricultural Research Service. Agricultural research. Jan 1979. v. 27 (7). p. 8-11. ill. (NAL Call No.: 1.98 AG84).

0425

Pheromone application and monitoring equipment used in field studies of the navel orangeworm (*Lepidoptera: Pyralidae*) (*Amyelois transitella*).
Curtis, C.E. Clark, J.D. College Park, Md. : Entomological Society of America. Journal of economic entomology. Aug 1984. v. 77 (4). p. 1057-1061. ill. Includes references. (NAL Call No.: 421 J822).

0426

Pheromone monitoring is cost-effective.
CAGRA. Ervin, R.T. Moreno, D.S.; Baritelle, J.L.; Gardner, P.D. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. Sept/Oct 1985. v. 39 (9/10). p. 17-19. ill. (NAL Call No.: DNAL 100 C12CAG).

0427

Population density of the citrus blackfly, *Aleurocanthus woglumi* Ashby (*Homoptera: Aleyrodidae*), and its parasites in urban Florida in 1979-1981.
Nguyen, R.EVETB. Brazzel, J.R.; Poucher, C. College Park : Entomological Society of America. Environmental entomology. June 1983. v. 12 (3). p. 878-884. maps. Includes references. (NAL Call No.: QL461.E532).

0428

Population differences to Texas citrus mites (*Eutranychus banksi*) on leaves of four orange varieties in Texas.
Dean, H.A. College Park, Md., Entomological Society of America. Journal of economic entomology. Dec 1980. v. 73 (6). p. 813-816. 10 ref. (NAL Call No.: 421 J822).

0429

Potential for gamma-radiation as a quarantine treatment for Caribbean fruit fly in citrus.
Spalding, D.H. Davis, D.F. Honolulu : Hawaii Institute of Tropical Agric. & Human Resources, Univ. of Hawaii, Manoa, 1985. Radiation disinfestation of food and agricultural products : proceedings of an international conference, Honolulu, Hawaii, November 14-18, 1983 / edited by James H. Moy. p. 160-165. Includes 9 references. (NAL Call No.: DNAL TP371.8.R284).

0430

Potential new citrus pest: Japanese bayberry whitefly (*Parabemisia myricae*, California).
Rose, M. DeBach, P.; Woolley, J. Berkeley, Calif., The Station. California agriculture - California Agricultural Experiment Station. Mar/Apr 1981. v. 35 (3/4). p. 22-24. ill. (NAL Call No.: 100 C12CAG).

0431

Predation on neonate larvae of *Diaprepes abbreviatus* (*Coleoptera: Curculionidae*) in Florida and Puerto Rico citrus groves.
Richman, D.B.FETMA. Whitcomb, W.H.; Buren, W.F. Gainesville : Florida Entomological Society. Florida entomologist. June 1983. v. 66 (2). p. 215-222. Includes references. (NAL Call No.: 420 F662).

0432

Predators of citrus blackfly (*Homoptera: Aleyrodidae*).
Cherry, R. USDA. Dowell, R.V. Paris, Le Francois. Entomophaga. 1979. v. 24 (4). p. 385-391. ill. 10 ref. (NAL Call No.: 421 EN835).

0433

Predictive year-end California red scale (*Homoptera: Diaspididae*) orange fruit infestations based on catches of males in the San Joaquin Valley.
JEENAI. Moreno, D.S. Kennett, C.E. College Park, Md. : Entomological Society of America. Journal of economic entomology. Feb 1985. v. 78 (1). p. 1-9. Includes references. (NAL Call No.: DNAL 421 J822).

0434

Presence-absence sampling of citrus red mite on lemons.
CAGRA. Jones, V.P. Parrella, M.P. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. Sept 1984. v. 38 (9). p. 30-32. ill. (NAL Call

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0435

Preserving choices for IPM (Integrated pest management, citrus orchard pests).
Phillips, P. Los Angeles, California Citrograph Publishing Co. Citrograph. May 1981. v. 66 (7). p. 175, 178. (NAL Call No.: 80 C125).

0436

Quarantine treatments for citrus against fruit flies.
Ismail, M.A. Los Angeles, Calif. : California Citrograph Pub. Co. Citrograph. June 1984. v. 69 (8). p. 197-200. (NAL Call No.: 80 C125).

0437

Red scale still most serious citrus (insect) pest (in California).
Los Angeles, California Citrograph Publishing Co. Citrograph. May 1980. v. 65 (7). p. 191. (NAL Call No.: 80 C125).

0438

Reduced efficacy of fenbutatin-oxide in combination with petroleum oil in controlling the citrus rust mite *Phyllocoptruta oleivora*.
Childers, C.C.FETMA. Selhime, A.G. Gainesville : Florida Entomological Society. Florida entomologist. Sept 1983. v. 66 (3). p. 310-319. ill. Includes references. (NAL Call No.: 420 F662).

0439

Reduced pest status of the Florida red scale on Texas citrus associated with *Aphytis holoxanthus* (*Chrysomphalus aonidum*).
Dean, H.A. College Park, Md., Entomological Society of America. Journal of economic entomology. Feb 1982. v. 75 (1). p. 147-149. 4 ref. (NAL Call No.: 421 J822).

0440

The relationship of *Spiroplasma citri* and *Circulifer tenellus* (Citrus stubborn disease and its natural leafhopper vector).
Liu, H.Y.PHYTA. Gumpf, D.J.; Oldfield, G.N.; Calavan, E.C. St. Paul : American Phytopathological Society. Phytopathology. Apr 1983. v. 73 (4). p. 585-590. ill. Includes references. (NAL Call No.: 464.8 P56).

0441

Relationship of (weedy) vines to management of other pests on Texas citrus (Integrated control, intermediate hosts of insect pests).
French, J.V. Reeve, R.J. Westlaco, Tex., The Society. Journal.Rio Grande Valley Horticultural Society. 1978. v. 32. p. 67-70. ill. (NAL Call No.: 81 L95).

0442

Residual activity of a California red scale (*Aonidiella aurantii*) synthetic pheromone component (Citrus pests).
Tashiro, H. Gieselmann, M.J. College Park, Md., Entomological Society of America. Environmental entomology. Oct 1979. v. 8 (5). p. 931-934. ill. 7 ref. (NAL Call No.: QL461.E532).

0443

Residual toxicity of four insecticides used for control of citrus thrips (*Thysanoptera: Thripidae*) on three beneficial species in a citrus agroecosystem.
JEENAI. Bellows, T.S. Jr. Morse, J.G.; Hadjidemetriou, D.G.; Iwata, Y. College Park, Md. : Entomological Society of America. Journal of economic entomology. June 1985. v. 78 (3). p. 681-686. ill. Includes references. (NAL Call No.: DNAL 421 J822).

0444

Residues of avermectin B1a on and in citrus fruits and foliage.
JAFCAU. Iwata, Y. MacConnell, J.G.; Flor, J.E.; Putter, I.; Dinoff, T.M. Washington, D.C. : American Chemical Society. Journal of agricultural and food chemistry. May/June 1985. v. 33 (3). p. 467-471. ill. Includes references. (NAL Call No.: DNAL 381 J8223).

0445

Residues of croneton and its sulfoxide and sulfone metabolites in citrus (Clementine (*reticulata*) trees) following a soil treatment for the control of *Aphis spiraecola*.
Aharonson, N. Neubauer, I. Washington, American Chemical Society. Journal of agricultural and food chemistry. Mar/Apr 1979. v. 27 (2). p. 265-268. ill. 12 ref. (NAL Call No.: 381 J8223).

0446

Responses of male California red scale (*Aonidiella aurantii*) to sex pheromone isomers (Mainly citrus crops).
Gieselmann, M.J. AR-W-USDA. Henrick, C.A.; Anderson, R.J.; Moreno, D.S.; Roelofs, W.L. Oxford, Pergamon Press. Journal of insect

physiology. 1980. v. 26 (3). p. 179-182. ill. 8 ref. (NAL Call No.: 421 J825).

No.: 421 EN835).

0447

Results and implications of IPM (integrated pest management) in Florida citrus.

Abbitt, B. Townsend, K. Los Angeles, California Citrograph Publishing Co. Citrograph. Apr 1979. v. 64 (6). p. 140-144. ill. 14 ref. (NAL Call No.: 80 C125).

0448

Rust mite (*Phyllocoptruta oleivora*) damage increases uptake and effectiveness of an abscission-accelerating chemical (glyoxal dioxime) on 'Valencia' oranges.

Evensen, K.B. Bausher, M.G.; Biggs, R.H. Mount Vernon, Va., The Society. Journal of the American Society for Horticultural Science. American Society for Horticultural Science. Mar 1980. v. 105 (2). p. 167-170. ill. 7 ref. (NAL Call No.: 81 S012).

0449

Sampling citrus thrips on coastal lemons (California).

Phillips, P. Los Angeles, California Citrograph Publishing Co. Citrograph. Apr 1981. v. 66 (6). p. 157, 160. (NAL Call No.: 80 C125).

0450

Sampling predaceous mites associated with citrus (*Phyllocoptruta oleivora*, *Eutetranychus banksi*, Phytoseiidae, biological control implications, Texas).

Gilstrap, F.E. Browning, H.W. College Station : The Station. PR - Texas Agricultural Experiment Station. July 1983. July 1983. (4139). 5 p. Includes references. (NAL Call No.: 100 T31P).

0451

Scale insects and mites on citrus trees by C.L. Marlatt. -.

Marlatt, C. L. Washington : U.S. Dept. of Agriculture, 1903. 43 p. : ill. -. (NAL Call No.: DNAL Fiche S-70 no.172).

0452

Searching and ovipositional behavior of *Amitus hesperidum* (Hymenoptera: Platygasteridae) and *Encarsia opulenta* (Hymenoptera: Aphelinidae) parasitoids of the citrus blackfly (Homoptera: Aleyrodidae).

Dowell, R.V. Puckett, D.; Johnson, M. Paris, Balthazar Publications. Entomophaga. 1981. v. 26 (3). p. 233-239. Includes 14 ref. (NAL Call

0453

Seasonal attack patterns on 'Hamlin' orange by the coffee bean weevil (Coleoptera: Anthribidae) in Florida (*Araecerus fasciculatus*).

Childers, C.C. Gainesville, Florida Entomological Society. Florida entomologist. Mar 1982. v. 65 (1). p. 136-143. ill. Includes 7 ref. (NAL Call No.: 420 F662).

0454

Seasonal development of the California red scale (Homoptera: Diaspididae) in San Joaquin Valley citrus based on degree-day accumulation.

JEENAI. Kennett, C.E. Hoffmann, R.W. College Park, Md. : Entomological Society of America. Journal of economic entomology. Feb 1985. v. 78 (1). p. 73-79. Includes references. (NAL Call No.: DNAL 421 J822).

0455

Seeking the reasons for differences in orange tortrix (*Argyrotaenia citrana*) infestations.

Kido, H. Flaherty, D.L.; Kennett, C.E.; McCalley, N.F.; Bosch, D.F. Berkeley, Calif., The Station. California agriculture - California Agricultural Experiment Station. July/Aug 1981. v. 35 (7/8). p. 27-28. ill. (NAL Call No.: 100 C12CAG).

0456

Seven-year study of effects of California red scale (Homoptera: Diaspididae) on navel orange production in California's San Joaquin Valley (*Aonidiella aurantii*).

Elmer, H.S. Brawner, O.L. College Park, Entomological Society of America. Journal of economic entomology. Aug 1982. v. 75 (4). p. 699-700. 5 ref. (NAL Call No.: 421 J822).

0457

Significance of temperature and food resources to the developmental biology of *Amblyseius hibisci* (Chant) (Acarina, Phytoseiidae) (Predator of citrus pests, California).

Tanigoshi, L.K. Fargerlund, J.; Nishio-Wong, J.Y. Hamburg, Parey. Zeitschrift fur angewandte Entomologie = Journal of applied entomology. Oct 1981. v. 92 (4). p. 409-419. ill. 17 ref. (NAL Call No.: 421 Z36).

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0458

Similarities between citrus blight and Pierce's disease of grapevine (Vector *Oncometopia nigricans*).

Hopkins, D.L. Adlerz, W.C. s.l., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. 1980 (pub. 1981). v. 93. p. 18-20. 16 ref. (NAL Call No.: 81 F66).

0459

Single citrus budwood treatment against insects and mites (Insecticides in combination with petroleum oil as a dipping solution).

Elmer, H.S. Brawner, O.L.; Atkin, D.R.; Gonzales, R.F. Berkeley, Calif., The Station. California agriculture - California Agricultural Experiment Station. July 1982. v. 36 (7). p. 7-8. ill. (NAL Call No.: 100 C12CAG).

0460

Soil applications of insecticides for control of *Scirtothrips citri* (Moulton) (Thysanoptera, Thripidae) on citrus (California).

Tanigoshi, L.K. Moreno, D.S.; Nishio-Wong, J.Y.; Fargerlund, J. Hamburg, W. Ger., Paul Parey. Zeitschrift für angewandte Entomologie. = Journal of applied entomology. Feb 1982. v. 93 (1). p. 17-24. ill. 6 ref. (NAL Call No.: 421 Z36).

0461

Soil injection of insecticides for control of citrus blackfly (*Aleurocanthus woglumi*) in dooryard citrus.

Fitzpatrick, G. Reinert, J.A. Gainesville, Florida Entomological Society. The Florida entomologist. Dec 1979. v. 62 (4). p. 390-396. ill. 15 ref. (NAL Call No.: 420 F662).

0462

Some biological control successes in the southern United States (Parasites, citrus pests, scale insects).

Hart, W.G. Griffith, Australia, The Society. Proceedings ... International Society of Citriculture. 1978 (pub. 1980). 1978 (pub. 1980). p. 154-156. Includes 14 ref. (NAL Call No.: SB369.I5).

0463

Some epidemiological aspects of postbloom fruit drop disease (*Colletotrichum gloeosporioides*) in citrus.

Denham, T.G. Waller, J.M. London, Association of Applied Biologists. Annals of applied biology. May 1981. v. 98 (1). p. 65-77. ill. 10

ref. (NAL Call No.: 442.8 AN72).

0464

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0510

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Characterization of citrus rootstock responses to *Tylenchulus semipenetrans* (Cobb) (Rootstock germplasm).
Kaplan, D.T. Ames, Iowa, Society of Nematologists. Journal of nematology. Oct 1981. v. 13 (4). p. 492-498. ill. 11 ref. (NAL Call No.: QL391.N4J62).

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0518

Comparison of numbers of *Tylenchulus semipenetrans* Cobb on six citrus rootstocks in south Texas (Nematode).
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0519

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Youngson, C.R. Turner, G.O.; O'Melia, F.C. Midland, Mich., Agricultural Products Dept., Dow Chemical Co. Down to earth. Sept 1981. v. 37 (3). p. 6-10. ill. Includes 8 ref. (NAL Call No.: 381 D75).

0520

Control of rust mite (*Phyllocoptruta oleivora*) and reduction of citrus nematode (*Tylenchulus semipenetrans*) populations on Texas oranges with Temik.
French, J.V. Timmer, L.W. Weslaco, Tex., The Society. Journal of the Rio Grande Valley Horticultural Society. Rio Grande Valley Horticultural Society. 1979. v. 33. p. 63-70. ill. 7 ref. (NAL Call No.: 81 L95).

0521

Distribution of *Tylenchulus semipenetrans* in a Texas grapefruit orchard.
JONEB. Davis, R.M. Raleigh, N.C. : Society of Nematologists. Journal of nematology. July 1984. v. 16 (3). p. 313-317. Includes references. (NAL Call No.: DNAL QL391.N4J62).

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0522

Effects of *Pratylenchus coffeae*-*Tylenchulus semipenetrans* interactions on nematode population dynamics in citrus (Florida).

Kaplan, D.T. Timmer, L.W. Ames, Iowa, Society of Nematologists. Journal of nematology. July 1982. v. 14 (3). p. 368-373. ill. 17 ref. (NAL Call No.: QL391.N4J62).

0523

Eradication of *Pratylenchus coffeae* in 'Carrizo' citrange seedlings.

Kaplan, D.T. PFSHA. Lake Alfred : The Society. Proceedings of the ... annual meeting - Florida State Horticultural Society. 1982. v. 95. p. 70-72. Includes references. (NAL Call No.: 81 F66).

0524

Estimate of yield loss from the citrus nematode in Texas grapefruit (*Tylenchulus semipenetrans*).

Timmer, L.W. JONEB. Davis, R.M. Ames : Society of Nematologists. Journal of nematology. Oct 1982. v. 14 (4). p. 582-585. Includes references. (NAL Call No.: QL391.N4J62).

0525

Evaluation and nature of citrus nematode resistance in Swingle citrumelo (*Tylenchulus semipenetrans*, Florida).

Kaplan, D.T. O'Bannon, J.H. S.I., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. 1981 (pub. 1982). v. 94. p. 33-36. Includes 11 ref. (NAL Call No.: 81 F66).

0526

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O'Bannon, J.H. Selhime, A.G. S.I., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. 1980 (pub. 1981). v. 93. p. 50-52. 10 ref. (NAL Call No.: 81 F66).

0527

Gamma irradiation effects on spermatogenesis and reproductive potential of navel orangeworm, *Paramyelois transitella* (Walker) / by Usha Kiran Gogia.

Gogia, Usha Kiran. 1970. Thesis (Ph.D.)--University of California, Berkeley, 1970. Photocopy. Ann Arbor, Mich. : University Microfilms, 1971. iii, 95 leaves ; 21 cm. Bibliography: leaves 58-64. (NAL Call No.: DISS 71-15,769).

0528

Influence of metalaxyl on three nematodes of citrus (*Pratylenchus coffeae*, *Radopholus similis*, *tylenchulus semipenetrans*).

Kaplan, D.T. Ames, Iowa : Society of Nematologists. Journal of nematology. July 1983. v. 15 (3). p. 454-460. ill. Includes references. (NAL Call No.: QL391.N4J62).

0529

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0530

Occurrence of biotypes in *Radopholus citrophilus*.

JONEB. Kaplan, D.T. O'Bannon, J.H. Raleigh, N.C. : Society of Nematologists. Journal of nematology. Apr 1985. v. 17 (2). p. 158-162. Includes 14 references. (NAL Call No.: DNAL QL391.N4J62).

0531

Parthenogenesis in the two races of *Radopholus similis* from Florida (Banana and citrus races).

Huettel, R.N. Dickson, D.W. Ames, Iowa, Society of Nematologists. Journal of nematology. Jan 1981. v. 13 (1). p. 13-15. 9 ref. (NAL Call No.: QL391.N4J62).

0532

Plant-parasitic nematodes affecting citrus.

FVRJA. Kaplan, D.T. University Park, Pa. : American Pomological Society. Fruit varieties journal. July 1985. v. 39 (3). p. 26-29. Includes 26 references. (NAL Call No.: DNAL 80 F9464).

0533

Sting nematode, a potentially severe pest in citrus nurseries (*Belonolaimus longicaudatus*, Florida).

Esser, R.P. Simpson, S.E.; Snell, R.R. Bartow, Fla. : Citrus Industry. Citrus industry. Oct 1984. v. 65 (10). p. 16, 18, 58. ill. Includes 5 references. (NAL Call No.: 80 C49).

0534

Susceptibility of rootstocks to the citrus nematode (*Tylenchulus semipenetrans*, screening trials).

McCarty, C.D. Bitters, W.P.; Van Gundy, S.D. Los Angeles, California Citrograph Publishing Co. Citrograph. Apr 1979. v. 64 (6). p. 129, 144-145. ill. (NAL Call No.: 80 C125).

0535

A two-year field study to determine the fate of oxamyl in soil during flood irrigation (Nematocide residues, sandy desert soil, lemons, California).

McIntosh, C.L. Jenkins, J.P.; Burgoyne, D.L.; Ferguson, D.T. Washington, D.C. : American Chemical Society. Journal of agricultural and food chemistry. Sept/Oct 1984. v. 32 (5). p. 1186-1189. ill. Includes 5 references. (NAL Call No.: 381 J8223).

PLANT DISEASES – GENERAL

0536

The blight susceptibility of 'pineapple' orange (citrus sinensis) trees on Citrus macrophylla rootstock.

Wutscher, H.K. Bistline, F.W. s.l., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. 1980 (pub 1981). v. 93. p. 17-18. 7 ref. (NAL Call No.: 81 F66).

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Kohmoto, K. Scheffer, R.P. St. Paul, American Phytopathological Society. Phytopathology. June 1979. v. 69 (6). p. 667-671. ill. 15 ref. (NAL Call No.: 464.8 P56).

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Influence of benomyl and methyl 2-benzimidazolecarbamate on development of *Penicillium digitatum* in the pericarp of orange fruit.

Eckert, J.W. Kolbezen, M.J. St. Paul, Minn., American Phytopathological Society. Phytopathology. Sept 1979. v. 69 (9). p. 934-939. ill. 24 ref. (NAL Call No.: 464.8 P56).

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Influence of ethylene on increased susceptibility of oranges to *Diplodia natalensis*.

PLDRA. Barmore, C.R. Brown, G.E. St. Paul, Minn. : American Phytopathological Society. Plant disease. Mar 1985. v. 69 (3). p. 228-230. ill. Includes 16 references. (NAL Call No.: DNAL 1.9 P69P).

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0620

Influence of *Glomus fasciculatus* and soil phosphorus on *Phytophthora* (*parasitica*) root rot of citrus.

Davis, R.M. Menge, J.A. St. Paul, Minn., American Phytopathological Society. Phytopathology. May 1980. v. 70 (5). p. 447-452. ill. 17 ref. (NAL Call No.: 464.8 P56).

0621

Influence of *Glomus fasciculatus* on *Thielaviopsis basicola* root rot of citrus (*Endomycorrhizae*, soil fungi).

Davis, R.M. St. Paul, Minn., American Phytopathological Society. Plant disease. Sept 1980. v. 64 (9). p. 839-840. ill. 12 ref. (NAL Call No.: 1.9 P69P).

(PLANT DISEASES - FUNGAL)

0622

Influence of vesicular-arbuscular mycorrhizae (*Glomus fasciculatus*) on *Phytophthora* root rot of three crop plants (Oranges, avocados, alfalfa).

Davis, R.M. Menge, J.A. St. Paul, American Phytopathological Society. *Phytopathology*. Nov 1978. v. 68 (11). p. 1614-1617. 14 ref. (NAL Call No.: 464.8 P56).

0623

Integrated pest management in Florida citrus (Primary scale pests, biological and chemical control, history).

Knapp, J.L. Bartow, Fla. : Citrus Industry. Citrus industry. Sept 1984. v. 65 (9). p. 39-40, 42-47. Includes 5 references. (NAL Call No.: 80 C49).

0624

Interactions involved in controlling *Armillaria mellea* (Citrus, antagonistic *Trichoderma* fungi).

Munnecke, D.E. Kolbezen, M.J.; Wilbur, W.D.; Ohr, H.D. St. Paul, Minn., American Phytopathological Society. *Plant disease*. May 1981. v. 65 (5). p. 384-389. ill. 14 ref. (NAL Call No.: 1.9 P69P).

0625

Interplanting: is it worth the headaches? (Citrus and avocados, *Phytophthora cinnamomi*, cultural control).

Vista, Calif., Rancher Publications. *Avocado grower*. Nov 1980. v. 4 (11). p. 26-27. ill. (NAL Call No.: SB379.A9A9).

0626

Investigations on new postharvest fungicides for citrus fruits in California.

Eckert, J.W. Bretschneider, B.F.; Rathnayake, M. Shimizu, Japan : International Society of Citriculture, 1982-1983. *Proceedings of the International Society of Citriculture / International Citrus Congress*, November 9-12, 1981, Tokyo, Japan ; K. Matsumoto, editor. p. 804-810. ill. Includes 32 references. (NAL Call No.: DNAL SB369.I5 1981).

0627

Investigations with experimental citrus postharvest fungicides in Florida.

Brown, G.E. Shimizu, Japan : International Society of Citriculture, 1982-1983. *Proceedings of the International Society of Citriculture / International Citrus Congress*, November 9-12, 1981, Tokyo, Japan ; K. Matsumoto, editor. p. 815-818. ill. Includes 24 references. (NAL Call

No.: DNAL SB369.I5 1981).

0628

Lignification of injuries to citrus fruit and susceptibility to green mold (*Penicillium digitatum*, oranges, grapefruit).

Brown, G.E. Ismail, M.A. Lake Alfred. *Proceedings of the ... annual meeting Florida State Horticultural Society*. 1978 (pub. 1979). v. 91. p. 124-126. ill. 11 ref. (NAL Call No.: 81 F66).

0629

Mobility and persistence of carbendazole (fungicides) applied to soil via drip irrigation (to control *Phoma tracheiphila*, in a lemon grove).

Solel, Z. Sandler, D. St. Paul, Minn., American Phytopathological Society. *Phytopathology*. Dec 1979. v. 69 (12). p. 1273-1277. ill. 22 ref. (NAL Call No.: 464.8 P56).

0630

Mycorrhizal fungi associated with citrus in south Texas (*Glomus microcarpus*, *Glomus etunicatus*, *Glomus fasciculatus*).

Davis, R.M. Weslaco, Tex., The Society. *Journal of the Rio Grande Valley Horticultural Society*. 1982. v. 35. p. 127-129. Includes 9 ref. (NAL Call No.: 81 L95).

0631

Mycotoxin production in whole tomatoes, apples, oranges and lemons (*Alternaria* molds).

Stinson, E.E. Osman, S.F.; Heisler, E.G.; Siciliano, J.; Bills, D.D. Washington, D.C., American Chemical Society. *Journal of agricultural and food chemistry*. July/Aug 1981. v. 29 (4). p. 790-792. 8 ref. (NAL Call No.: 381 J8223).

0632

New fungicide labelled for citrus (*Ridomil*).

Hill-Yager, S. Tampa, Fla., Kyle Publishing Co. *Citrus & vegetable magazine*. Oct 1980. v. 44 (2). p. 42, 54. ill. (NAL Call No.: 80 C498).

0633

Occurrence of *Sphaeropsis* knot on citron (*Citrus medica* L.) in Puerto Rico.

JAUPA. Rodriguez, R. Melendez, P.L. Mayaguez : University of Puerto Rico, Agricultural Experiment Station. *The Journal of agriculture of the University of Puerto Rico*. Apr 1984. v. 68 (2). p. 179-183. ill. Includes 12 references. (NAL Call No.: DNAL 8 P832J).

0634

Oxygen, temperature, and water potential in shallow and deep soils of a citrus grove with blight (*Fusarium solani*).
Nemec, S. (S.I.) : The Society. Proceedings - Soil and Crop Science Society of Florida. 1983. v. 42. p. 85-90. ill. Includes references. (NAL Call No.: 56.9 S032).

0635

Pathogenicity of *Fusarium solani* to citrus roots and its possible role in blight etiology.
Nemec, S. Baker, R.; Burnett, H. s.l., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. 1980 (pub 1981). v. 93. p. 36-41. ill. 32 ref. (NAL Call No.: 81 F66).

0636

Phytophthora foot rot control with the systemic fungicides metalaxyl and fosetyl aluminum.
Davis, R.M. Shimizu, Japan : International Society of Citriculture, 1982-1983. Proceedings of the International Society of Citriculture / International Citrus Congress, November 9-12, 1981, Tokyo, Japan ; K. Matsumoto, editor . p. 349-351. Includes 6 references. (NAL Call No.: DNAL SB369.I5 1981).

0637

Phytophthora parasitica inoculation and intensity of vesicular--arbuscular mycorrhizae in citrus (*Glomus fasciculatus*, citrus *sinensis*).
Davis, R.M. Menge, J.A. London, Academic Press. The New phytologist. Apr 1981. v. 87 (4). p. 705-715. 24 ref. (NAL Call No.: 450 N42).

0638

A phytotoxic glycopeptide from lemon leaves infected with *phoma tracheiphila* (cause of the malsecco disease).
Nachmias, A. Barash, I. London. Physiological plant pathology. Mar 1979. v. 14 (2). p. 134-140. ill., plate. 11 ref. (NAL Call No.: SB599.P45).

0639

Phytotoxin production by *Fusarium solani* (Parasitic on citrus).
Baker, R.A. Winter Haven, Fla., Southern Region, Florida Antilles Area, SEA, U.S.D.A., 1978. 1978 Subtropical Food Technology Conference, October 13, 1978, Landmark Motor Lodge, Winter Haven, Florida, U.S. Citrus and Subtropical Products Laboratory. 32 p. ill. 28 cm. p. 6-7. 4 ref. (NAL Call No.: SB111.A2S9).

0640

Polygalacturonase from citrus fruit infected with *Penicillium italicum*.
Barmore, C.R. Brown, G.E. St. Paul, Minn., American Phytopathological Society. Phytopathology. Mar 1981. v. 71 (3). p. 328-331. ill. 21 ref. (NAL Call No.: 464.8 P56).

0641

Polygalacturonase inhibition in rind of Valencia orange infected with *Diplodia natalensis*.
PHYTAJ. Barmore, C.R. Nguyen, T.K. St. Paul, Minn. : American Phytopathological Society. Phytopathology. Apr 1985. v. 75 (4). p. 446-449. Includes 12 references. (NAL Call No.: DNAL 464.8 P56).

0642

Post-harvest fruit rots of three species of citrus in southwestern Nigeria.
Adisa, V.A. IPHYA. Fajola, A.O. New Delhi : Indian Phytopathological Society. Indian phytopathology. Dec 1982. v. 35 (4). p. 595-603. Includes references. (NAL Call No.: 464.8 IN2).

0643

Post-harvest treatment (with thiabendazole) for citrus and bananas (to control green mold, *Penicillium digitatum*, blue mold, *Penicillium italicum*, and stem end rot, *Diplodia natalensis* and *Phomopsis citri*).
Basel, Oscar Bauer Publications. International fruit world. 1978. v. 36 (3). p. 253-254. (NAL Call No.: 286.83 F9426).

0644

Postharvest citrus diseases (*Penicillium digitatum*, *Penicillium italicum*) cost industry millions yearly.
Eckert, J.W. Vista, Calif., Rancher Publications. Avocado grower. June 1980. v. 4 (6). p. 36-37, 47. (NAL Call No.: SB379.A9A9).

0645

Postharvest control of *Phytophthora citrophthora* with metalaxyl, and its relation to other fungi pathogenic to citrus fruit.
Cohen, E. Shimizu, Japan : International Society of Citriculture, 1982-1983. Proceedings of the International Society of Citriculture / International Citrus Congress, November 9-12, 1981, Tokyo, Japan ; K. Matsumoto, editor . p. 793-796. Includes 10 references. (NAL Call No.: DNAL SB369.I5 1981).

(PLANT DISEASES - FUNGAL)

0646

Potassium sorbate in combination with benzimidazoles reduces resistant *Penicillium digitatum* decay in citrus.

Nelson, P.M. Wheeler, R.W.; McDonald, P.D. Shimizu, Japan : International Society of Citriculture, 1982-1983. Proceedings of the International Society of Citriculture / International Citrus Congress, November 9-12, 1981, Tokyo, Japan ; K. Matsumoto, editor . p. 820-823. Includes 16 references. (NAL Call No.: DNAL SB369.15 1981).

0647

Preventive and systemic activity of experimental fungicides against *Phytophthora parasitica* on citrus (Grapefruit).

Timmer, L.W. Beltsville, Md., Science and Education Administration, U.S. Dept. of Agriculture. Plant disease reporter. Apr 1979. v. 63 (4). p. 324-327. ill. 6 ref. (NAL Call No.: 1.9 P69P).

0648

Reducing chilling injury in grapefruit by prestorage conditioning (*Citrus paradisi*, decay, *Penicillium digitatum*).

Hatton, T.T. Cubbage, R.H. New Orleans : The Region. Advances in agricultural technology. AAT-S - United States, Dept. of Agriculture, Agricultural Research Service, Southern Region. June 1982. June 1982. (25). 6 p. ill. Includes references. (NAL Call No.: aS21.A75U7).

0649

Reducing decay in citrus fruits with borax J.R. Winston.

Winston, J. R. (John Robinson). Washington, D.C. U.S. Dept. of Agriculture 1935. 32 p. : ill. -. Includes bibliographical references. (NAL Call No.: Fiche S-69 no. 488).

0650

Relative protective activity of fungicide residues on fruit for melanose control, 1978 and 1979 (Grapefruit (*Citrus paradisi* 'Ruby' and 'Marsh'), melanose; *Diaporthe citri*).

Whiteside, J.O. (s.l.), The Society. Fungicide and nematocides tests; results - American Phytopathological Society. 1980. v. 35. p. 166-167. (NAL Call No.: 464.9 AM31R).

0651

Resistance of healed citrus exocarp to penetration by *Penicillium digitatum* (Green mold of *Citrus sinensis*).

Brown, G.E. PHYTA. Barmore, C.R. St. Paul : American Phytopathological Society. Phytopathology. May 1983. v. 73 (5). p. 691-694. ill. Includes references. (NAL Call No.: 464.8 P56).

0652

A review of Florida citrus blight and its association with soil edaphic factors, nutrition and *Fusarium solani*.

Burnett, H.C. PANSC. Nemec, S.; Patterson, M. London : Centre for Overseas Pest Research. Tropical pest management. Dec 1982. v. 28 (4). p. 416-422. ill. Includes references. (NAL Call No.: SB950.A1P3).

0653

Role of pectolytic enzymes and galacturonic acid in citrus fruit decay caused by *Penicillium digitatum*.

Barmore, C.R. Brown, G.E. St. Paul, American Phytopathological Society. Phytopathology. June 1979. v. 69 (6). p. 675-678. ill. 16 ref. (NAL Call No.: 464.8 P56).

0654

Root distribution and loss on blighted and healthy citrus trees (*Citrus sinensis*).

Nemec, S. Burnett, H.C.; Patterson, M. (S.l.) : The Society. Proceedings - Soil and Crop Science Society of Florida. 1982. v. 41. p. 91-96. ill. Includes references. (NAL Call No.: 56.9 S032).

0655

Root rot (*Pythium*, *Phytophthora*, *Thielaviopsis basicola*) control in container-grown dwarf citrus--progress report (Lemons).

Raabe, R.D. Hurlimann, J.H. Berkeley, University of California. Flower and nursery report for commercial growers. Fall 1978. Fall 1978. p. 7. ill. (NAL Call No.: SB1.A1F5).

0656

Runaway decay--a crisis for the lemon industry (*Penicillium digitatum*, *Penicillium italicum*).

Los Angeles, California Citrograph Publishing Co. Citrograph. Aug 1981. v. 66 (10). p. 232-234. (NAL Call No.: 80 C125).

0657

Scanning electron microscopy of *Penicillium italicum* on oranges treated with R-23979, an imidazole derivative.

Gestel, J. van. Reempts, J. van. Beltsville, Md., Science and Education Administration, U.S. Dept. of Agriculture. Plant disease reporter. Apr 1979. v. 63 (4). p. 283-287. ill. 8 ref. (NAL Call No.: 1.9 P69P).

0658

Screening of materials for greasy spot control, 1978-79 (Grapefruit (*Citrus paradisi* 'Ruby'), greasy spot; *Mycosphaerella citri*).

Whiteside, J.O. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1980. v. 35. p. 166. (NAL Call No.: 464.9 AM31R).

0659

Screening of materials for greasy spot control, 1979-80 (Grapefruit (*Citrus paradisi* 'Ruby'), greasy spot and greasy spot rind blotch; *Mycosphaerella citri*).

Whiteside, J.O. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1981. v. 36. p. 47. (NAL Call No.: 464.9 AM31R).

0660

Screening of materials for greasy spot control, 1980 (Grapefruit (*Citrus paradisi*), greasy spot; *Mycosphaerella citri*).

Whiteside, J.O. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1982. v. 37. p. 55-56. (NAL Call No.: 464.9 AM31R).

0661

Screening of materials for scab control, 1978-79 (Lemon (rough) (*Citrus jambhiri*), scab; *Elsinoe fawcetti*).

Whiteside, J.O. (s.l.), The Society. Fungicide and nematocide tests; results - American Phytopathological Society. 1980. v. 35. p. 167. (NAL Call No.: 464.9 AM31R).

0662

Significance of fungicide resistance for packing house management in Arizona and California.

Dawson, A.J. Shimizu, Japan : International Society of Citriculture, 1982-1983. Proceedings of the International Society of Citriculture / International Citrus Congress, November 9-12, 1981, Tokyo, Japan ; K. Matsumoto, editor. p. 787-788. Includes 2 references. (NAL Call No.: DNAL SB369.I5 1981).

0663

Some facts on *Geotrichum candidum*.

Los Angeles, Calif. : California Citrograph Pub. Co. Citrograph. Sept 1985. v. 70 (11). p. 253, 255. Includes references. (NAL Call No.: DNAL 80 C125).

0664

Spread of *Penicillium digitatum* and *Penicillium italicum* during contact between citrus fruits (Green mold, blue mold, oranges, *Citrus sinensis*).

Barmore, C.R. Brown, G.E. St. Paul, Minn., American Phytopathological Society. Phytopathology. Jan 1982. v. 72 (1). p. 116-120. ill. Includes 12 ref. (NAL Call No.: 464.8 P56).

0665

Stopping green mold on satsumas (*Penicillium digitatum*, citrus fruits).

Horn, N.L. Thibodeaux, S.D.; Pace, M.E.; Gershey, J.S.; Constantin, R.J. Baton Rouge, The Station. Louisiana agriculture - Louisiana Agricultural Experiment Station. Fall 1980. v. 24 (1). p. 3, 24. ill. (NAL Call No.: 100 L939).

0666

Studies on the inhibition of *Alternaria citri* in stored citrus fruits.

Farooqi, W.A. Shaukat, G.A.; Malik, M.A.; Ahmad, M.S. S.l., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. 1981 (pub. 1982). v. 94. p. 279-280. Includes 10 ref. (NAL Call No.: 81 F66).

0667

Susceptibility of different rough lemon collections to foot rot (*Phytophthora parasitica*) blight and *Alternaria (citri)* leaf spot (Rootstocks, resistance).

Whiteside, J.O. Knorr, L.C. Lake Alfred. Proceedings of the ... annual meeting Florida State Horticultural Society. 1978 (pub. 1979). v. 91. p. 75-77. ill. 8 ref. (NAL Call No.: 81 F66).

0668

Timing of fungicide spray treatments for citrus melanose control.

Whiteside, J.O. s.l., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. 1980 (pub 1981). v. 93. p. 21-24. ill. 12 ref. (NAL Call No.: 81 F66).

(PLANT DISEASES - FUNGAL)

0669

Tolerance of citrus pathogens to current packinghouse treatment.

Kaplan, H.J. Dave, B.A.; Petrie, J.F. Shimizu, Japan : International Society of Citriculture, 1982-1983. Proceedings of the International Society of Citriculture / International Citrus Congress, November 9-12, 1981, Tokyo, Japan ; K. Matsumoto, editor . p. 788-791. Includes 18 references. (NAL Call No.: DNAL SB369.I5 1981).

0670

Tolerance of *Mycosphaerella citri* to benomyl in Florida citrus groves.

Whiteside, J.O. St. Paul, Minn., American Phytopathological Society. Plant disease. Mar 1980. v. 64 (3). p. 300-302. ill. 7 ref. (NAL Call No.: 1.9 P69P).

0671

Toxin production by *Fusarium solani* from fibrous roots of blight-diseased citrus.

Baker, R.A. Tatum, J.H.; Nemec, S. Jr. St. Paul, Minn., American Phytopathological Society. Phytopathology. Sept 1981. v. 71 (9). p. 951-954. ill. 19 ref. (NAL Call No.: 464.8 P56).

0672

Ultrastructural changes in host leaf cells caused by host-selective toxin of *Alternaria alternata* from rough lemon.

CJB0AW. Kohmoto, K. Kondoh, Y.; Kohguchi, T.; Otani, H.; Nishimura, S.; Scheffer, R.P. Ottawa, Ont. : National Research Council of Canada. Canadian journal of botany = Journal canadien de botanique. Dec 1984. v. 62 (12). p. 2485-2492. ill. Includes 22 references. (NAL Call No.: DNAL 470 C16C).

0673

"UNIPACK": Individually wrapped storage of citrus fruits.

Kawada, K. Wardowski, W.F.; Grierson, W.; Albrigo, L.G.; Hale, P.W. Shimizu, Japan : International Society of Citriculture, 1982-1983. Proceedings of the International Society of Citriculture / International Citrus Congress, November 9-12, 1981, Tokyo, Japan ; K. Matsumoto, editor . p. 725. Includes 7 references. (NAL Call No.: DNAL SB369.I5 1981).

0674

The use of potassium sorbate for (postharvest) citrus decay control.

Smoot, J.J. McCornack, A.A. Lake Alfred. Proceedings of the ... annual meeting Florida State Horticultural Society. 1978 (pub. 1979). v. 91. p. 119-122. ill. 7 ref. (NAL Call No.: 81 F66).

0675

Viruslike particles and double-stranded RNA in *Geotrichum candidum*, the casual agent of citrus sour rot.

Mor, H. Steinlauf, R.; Barash, I. St. Paul, Minn. : American Phytopathological Society. Phytopathology. Aug 1984. v. 74 (8). p. 921-924. ill. Includes 20 references. (NAL Call No.: 464.8 P56).

0676

Yeast-type organisms as citrus pseudo greasy spot (*Nise-ohan-byo*) causal agent.

NSBGA. Koizumi, M. Kuhara, S. Tokyo : The Society. Nihon Shokubutsu Byori Gakkaiho = Annals of the Phytopathological Society of Japan. Dec 1984. v. 50 (5). p. 620-627. ill. Includes 9 references. (NAL Call No.: DNAL 464.9 P562).

PLANT DISEASES - BACTERIAL

0677

Accumulation of viroid RNA in tumor cells after double infection by *Agrobacterium tumefaciens* and citrus exocortis viroid (Tomato).
Semancik, J.S. Grill, L.K. St. Paul, American Phytopathological Society. Phytopathology. Dec 1978. v. 68 (12). p. 1728-1732. ill. 15 ref. (NAL Call No.: 464.8 P56).

0678

Basic facts on the cause and control of citrus canker USDA Animal and Plant Health Inspection Service, *Xanthomonas campestris citri*.
Los Angeles, Calif. : California Citrograph Pub. Co. Citrograph. Nov 1984. v. 70 (1). p. 8-9, 21. (NAL Call No.: DNAL 80 C125).

0679

Bacterial canker disease of citrus (*Xanthomonas campestris*).
Civerolo, E.L.JRGVA. Weslaco : The Society. Journal - Rio Grande Valley Horticultural Society. 1984. Literature review. v. 37. p. 127-146. Includes references. (NAL Call No.: 81 L95).

0680

Biological control of psyllid vectors of greening disease on Reunion Island (*Citrus*, *Trioza erytreae*, *Tetrastichus dryi*).
Etienne, J. Aubert, B. Gainesville. Proceedings of the conference - International Organization of Citrus Virologists. 1980. 1980. (8th). p. 118-121. ill. 7 ref. (NAL Call No.: 464.06 IN82).

0681

California's battle with citrus canker *Xanthomonas campestris citri*.
Robison, L. Los Angeles, Calif. : California Citrograph Pub. Co. Citrograph. Nov 1984. v. 70 (1). p. 7-8. (NAL Call No.: DNAL 80 C125).

0682

Canker control: a proposal to ship to other citrus states.
Los Angeles, Calif. : California Citrograph Pub. Co. Citrograph. July 1985. v. 70 (9). p. 208. (NAL Call No.: DNAL 80 C125).

0683

Canker: Dread disease found in Florida citrus nurseries (Bacterial diseases).
Bartow, Fla. : Citrus Industry. Citrus industry. Oct 1984. v. 65 (10). p. 5, 8, 53-54. ill. (NAL Call No.: 80 C49).

0684

Characterization of spiroplasmas by polyacrylamide gel analysis of their proteins and enzymes (*Spiroplasma citri*, citrus stubborn disease).
Mouches, C. Duthil, P.; Vignault, J.C.; Protapapadakis, F.; Nhami, A.; Tully, J.G.; Bove, J.M. Gainesville. Proceedings of the conference - International Organization of Citrus Virologists. 1980. 1980. (8th). p. 133-144. ill. 41 ref. (NAL Call No.: 464.06 IN82).

0685

Citrus canker--It affects more than Florida.
Willoughby, Ohio : Meister Publishing Company. American fruit grower. Nov 1984. v. 104 (11). p. 13. (NAL Call No.: DNAL 80 G85).

0686

Citrus canker diseases.
Whitmore, S. Beltsville, Md. : The Library. Special publication series - National Agricultural Library (U.S.). Bibliography. June 1985. (85-01). 16 p. ill. (NAL Call No.: DNAL AS21.D27S64).

0687

Citrus canker: Hearings produce strong disagreement on APHIS proposals.
Los Angeles, Calif. : California Citrograph Pub. Co. Citrograph. Aug 1985. v. 70 (10). p. 225-226. (NAL Call No.: DNAL 80 C125).

0688

Cultivation in vitro of spiroplasmas from six plant hosts and two leafhopper vectors in Arizona (*Brassica tournefortii*, citrus, mycoplasma-like organisms, *Salsola kali*, *Sisymbrium irio*).
Allen, R.M. Donndelinger, C.R. St. Paul, American Phytopathological Society. Plant disease. Aug 1982. v. 66 (8). p. 669-672. ill. 19 ref. (NAL Call No.: 1.9 P69P).

(PLANT DISEASES - BACTERIAL)

0689

Detecting citrus canker (Enzyme-linked immunosorbent assay to detect *Xanthomonas citri*).

Nicholas, M.E. Washington, D.C., Science and Education Administration, U.S. Dept. of Agriculture. Agricultural research. United States. Dept. of Agriculture. Oct 1979. v. 28 (4). p. 15. ill. (NAL Call No.: 1.98 AG84).

0690

Detection and transmission of a gram-negative, xylem-limited bacterium in Sharpshooters from a citrus grove in Florida (*Rickettsia*-like organism, possible cause of citrus blight).

Brlansky, R.H. Timmer, L.W.; Lee, R.F. St. Paul, American Phytopathological Society. Plant disease. July 1982. v. 66 (7). p. 590-592. ill. 13 ref. (NAL Call No.: 1.9 P69P).

0691

Distribution and persistence of trunk-injected oxytetracycline in blight-affected and healthy citrus.

Timmer, L.W. Lee, R.F.; Albrigo, L.G. Alexandria, Va., The Society. Journal of the American Society for Horticultural Science. May 1982. v. 107 (3). p. 428-432. 26 ref. (NAL Call No.: 81 S012).

0692

Distribution of sharpshooters in Florida citrus groves (*Homalodisca coagulata*, *Oncometopia nigricans*, *Homalodisca insolita*, possible vectors of citrus blight).

Timmer, L.W. Lee, R.F.; Allen, J.C.; Tucker, D.P.H. College Park, Md., Entomological Society of America. Environmental entomology. Apr 15, 1982. v. 11 (2). p. 456-460. ill., map. 11 ref. (NAL Call No.: QL461.E532).

0693

Effect of penicillin or tetracycline injections of citrus trees affected by greening disease under field conditions in Reunion Island.

Aubert, B. Bove, J.M. Gainesville. Proceedings of the conference - International Organization of Citrus Virologists. 1980. 1980. (8th). p. 103-108. ill. 7 ref. (NAL Call No.: 464.06 IN82).

0694

Efficacy of phosphoric acid-dodecylbenzene sulfonic acid for control of *Penicillium digitatum* on grapefruit and orange and *Erwinia carotovora* on sweet bell pepper.

Carter, W.W. Beltsville, Md., Science and Education Administration, U.S. Dept. of

Agriculture. Plant disease reporter. Sept 1979. v. 63 (9). p. 753-755. ill. 1 ref. (NAL Call No.: 1.9 P69P).

0695

Florida citrus burning bugs sole defence.

NATUAS. Budiansky, S. Basingstoke, Eng. : Macmillan Journals. Nature. Sept 27/Oct 3, 1984. v. 311 (5984). p. 293. (NAL Call No.: DNAL 472 N21).

0696

Florida citrus: Color it gray, green and blue.

Los Angeles, Calif. : California Citrograph Pub. Co. Citrograph. Nov 1985. v. 71 (1). p. 4-5, 7-9. ill. (NAL Call No.: DNAL 80 C125).

0697

Identity and behavior of xylem-residing bacteria in rough lemon roots of Florida citrus trees (Young-tree-decline disease).

Gardner, J.M. Feldman, A.W.; Zablotowicz, R.M. Washington, D.C., American Society for Microbiology. Applied and environmental microbiology. June 1982. v. 43 (6). p. 1335-1342. Includes 25 ref. (NAL Call No.: 448.3 AP5).

0698

Importance of mesophyll in mature-leaf resistance to canker of citrus (caused by *Xanthomonas campestris citri*, *Citrus paradisi*, *Citrus sinensis*, *Citrus limonia*, cultivars). Stall, R.E. Marco, G.M.; Canteros de Echenique, B.I. St. Paul, Minn., American Phytopathological Society. Phytopathology. Aug 1982. v. 72 (8). p. 1097-1100. 21 ref. (NAL Call No.: 464.8 P56).

0699

The mystery of Florida's citrus canker.

SCIEA. Sun, M. Washington, D.C. : American Association for the Advancement of Science. Science. Oct 19, 1984. v. 226 (4672). p. 322-323. ill. (NAL Call No.: DNAL 470 SCI2).

0700

Pathogenicity of three strains of citrus canker organism on grapefruit (*Xanthomonas campestris* pv. *citri*).

Stall, R.E. Miller, J.W.; Marco, G.M.; Canteros de Echenique, B.I. (Cali, Colombia) : Centro Internacional de Agricultura Tropical, 1982. Proceedings of the fifth International Conference on Plant Pathogenic Bacteria, August 16-23, 1981 at CIAT, Cali, Colombia / technical

editor J. Carlos Lozano; production editor Paul Gwin. p. 334-340. ill. Includes references. (NAL Call No.: QR351.I57 1981).

0701

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0703

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0704

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0705

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0706

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0708

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0711

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0713

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0714

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0715

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Civerolo, E.L. Fan, F. St. Paul, Minn., American Phytopathological Society. Plant disease. Mar 1982. v. 66 c (3). p. 231-236. Includes 24 ref. (NAL Call No.: 1.9 P69P).

0716

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0717

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Semancik, J.S. Grill, L.K. St. Paul, American Phytopathological Society. *Phytopathology*. Dec 1978. v. 68 (12). p. 1728-1732. ill. 15 ref. (NAL Call No.: 464.8 P56).

0718

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0719

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0720

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0721

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0723

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0725

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0728

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0730

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0733

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0734

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0737

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0738

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0739

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Meister, Charles William, 1940. 1972. Thesis (Ph.D.)--University of Arizona, 1972. Photocopy of typescript. Ann Arbor: University Microfilms, 1972. xii, 112 leaves; 21 cm. Bibliography: leaves 103-112. (NAL Call No.: DISS 72-22,829).

0740

Eradication goal in seedling yellows project (Citrus, virus disease, California).
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0741

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0743

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0745

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0746

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0748

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Garnsey, S.M. Timmer, L.W. Gainesville. Proceedings of the conference - International Organization of Citrus Virologists. 1980. 1980. (8th). p. 174-179. ill. 15 ref. (NAL Call No.: 464.06 IN82).

0752

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0753

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0754

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Calavan, E.C. Harjung, M.K.; Blue, R.L.; Roistacher, C.N.; Gumpf, D.J.; Moore, P.W. Gainesville. Proceedings of the conference - International Organization of Citrus Virologists. 1980. 1980. (8th). p. 69-75. ill. 14 ref. (NAL Call No.: 464.06 IN82).

0755

New media for rapid growth of Spiroplasma citri and corn stunt spiroplasma (Zea mays, maize, Catharanthus roseus, citrus stubborn disease).

Lee, I.M.PHYTAJ. Davis, R.E. St. Paul : American Phytopathological Society. Phytopathology. Jan 1984. v. 74 (1). p. 84-89. ill. Includes references. (NAL Call No.: 464.8 P56).

0756

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Semancik, J.S. Harper, K.L. Washington, D.C. : The Academy. Proceedings of the National Academy of Sciences of the United States of America. July 1984. v. 81 (14). p. 4429-4433.

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0757

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Vogel, R. Bove, J.M. Gainesville. Proceedings of the conference - International Organization of Citrus Virologists. 1980. 1980. (8th). p. 188-190. 4 ref. (NAL Call No.: 464.06 IN82).

0758

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Hanks, R.W. Feldman, A.W. n.p., The Society. Proceedings - Soil and Crop Science Society of Florida. 1981. 1981. (40th). p. 118-120. ill. Includes 18 ref. (NAL Call No.: 56.9 S032).

0759

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0760

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Garnsey, S.M. Gonsalves, D. St. Paul, American Phytopathological Society. Phytopathology. Jan 1979. v. 69 (1). p. 88-95. ill. 24 ref. (NAL Call No.: 464.8 P56).

0761

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Symons, R.H. Boulder, Colo., The Society. Combined proceedings - International Plant Propagators' Society. 1980 (pub. 1981). v. 30. p. 578-583. 9 ref. (NAL Call No.: 451 P692).

0762

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0763

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Garnsey, S.M. AR-SO. Youtsey, C.O.; Bridges, G.D. s.l., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. June 1, 1980. v. 92. p. 18-20. ill. 5 ref. (NAL Call No.: 81 F66).

0764

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Feldman, A.W. (S.I.) : The Society. Proceedings - Soil and Crop Science Society of Florida. 1983. v. 42. p. 58-65. ill. Includes references. (NAL Call No.: 56.9 S032).

0765

A review on tristeza, an ongoing threat to citriculture.
Bar-Joseph, M. Roistacher, C.N.; Garnsey, S.M.; Gumpf, D.J. Shimizu, Japan : International Society of Citriculture, 1982-1983. Proceedings of the International Society of Citriculture / International Citrus Congress, November 9-12, 1981, Tokyo, Japan ; K. Matsumoto, editor . p. 419-423. Includes 58 references. (NAL Call No.: DNAL SB369.I5 1981).

0766

Rootstocks: their relation to virus disease and blight (Citrus).
Krezdorn, A.H. Raleigh, N.C., Specialized Agricultural Publications. Florida grower and rancher. Aug 1979. v. 72 (7). p. 25-26. ill. (NAL Call No.: 80 F6622).

0767

Separation and partial characterization of two deoxyribonucleic acid polymerases from *Spiroplasma citri* (the causal agent of citrus stubborn disease).
Charron, A. Bebear, C. Washington, D.C., American Society for Microbiology. Journal of bacteriology. Dec 1979. v. 140 (3). p. 763-768. ill. 24 ref. (NAL Call No.: 448.3 J82).

0768

A simple purification method for citrus tristeza virus and estimation of its genome size.
PHYTAJ. Bar-Joseph, M. Gumpf, D.J.; Dodds, J.A.; Rosner, A.; Ginzberg, I. St. Paul, Minn. : American Phytopathological Society. Phytopathology. Feb 1985. v. 75 (2). p. 195-198. ill. Includes 25 references. (NAL Call

No.: DNAL 464.8 P56).

0769

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Daniels, M.J. Cambridge, Cambridge University Press. The Journal of general microbiology. Oct 1979. v. 114 (pt.2). p. 323-328. ill. 12 ref. (NAL Call No.: 448.3 J823).

0770

Some properties of citrus exocortis viroid synthesis in cell-free extracts and cell suspension cultures.
Semancik, J.S. Flores, R.; Harper, K.; Lin, J.J. Cold Spring Harbor, N.Y. : Cold Spring Harbor Laboratory, c1983. Plant infectious agents : viruses, viroids, virusoids, and satellites / edited by H.D. Robertson ... (et al.). p. 149-153. ill. Includes references. (NAL Call No.: SB736.P56).

0771

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Yamamoto, S. Yamaguchi, A. Gainesville. Proceedings of the conference - International Organization of Citrus Virologists. 1980. 1980. (8th). p. 230-231. ill. 4 ref. (NAL Call No.: 464.06 IN82).

0772

Spread of seedling yellows tristeza at (Citrus) Research Center.
Roistacher, C.N. Calavan, E.C. Los Angeles. Citrograph. May 1979. v. 64 (7). p. 167-169. 5 ref. (NAL Call No.: 80 C125).

0773

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Calavan, E.C. Weathers, L.G.; Harjung, M.K.; Blue, R.L. Shimizu, Japan : International Society of Citriculture, 1982-1983. Proceedings of the International Society of Citriculture / International Citrus Congress, November 9-12, 1981, Tokyo, Japan ; K. Matsumoto, editor . p. 433-436. Includes 15 references. (NAL Call No.: DNAL SB369.I5 1981).

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0774

Strain variation and cross protection in citrus tristeza virus on acid lime.

Balaraman, K. Ramakrishnan, K. Gainesville. Proceedings of the conference - International Organization of Citrus Virologists. 1980. 1980. (8th). p. 60-68. ill. 20 ref. (NAL Call No.: 464.06 IN82).

0775

Studies on the nature and transmission of the causal agent of stubborn of citrus : association of mycoplasma-like organism with the disease / by Emmanuel Chukwuma Kingsley Igwegbe.

Igwegbe, Emmanuel Chukwuma Kingsley, 1939. 1970. Thesis (Ph.D.)--University of California, Riverside, 1970. Photocopy. Ann Arbor, Mich. : University Microfilms, 1971. xii, 107 leaves ; 21 cm. Bibliography: leaves 96-107. (NAL Call No.: DISS 71-8,799).

0776

A survey for citrus tristeza virus in registered budwood sources commercially propagated on sour orange rootstocks in Florida.

Garnsey, S.M. Lee, R.F.; Youtsey, C.O.; Brlansky, R.H.; Burnett, H.C. s.l., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. 1980 (pub 1981). v. 93. p. 7-9. 14 ref. (NAL Call No.: 81 F66).

0777

Survey for tristeza in Texas citrus (Viruses).

Davis, R.M. JRGVA. Sauls, J.W.; Wilhite, H.S. Weslaco : The Society. Journal - Rio Grande Valley Horticultural Society. 1984. v. 37. p. 61-64. Includes references. (NAL Call No.: 81 L95).

0778

Transmission of citrus tristeza virus by Aphis gossypii reflecting changes in virus transmissibility in California.

Roistacher, C.N. Nauer, E.M.; Kishaba, A.; Calavan, E.C. Gainesville. Proceedings of the conference - International Organization of Citrus Virologists. 1980. 1980. (8th). p. 76-82. 13 ref. (NAL Call No.: 464.06 IN82).

0779

Transmission of the citrus stubborn disease pathogen, Spiroplasma citri, by the leafhopper Circulifer Tenellus (Banks) (California, Washington).

Oldfield, G.N. Kaloostian, G.H. Mexico, D.F., Sociedad Mexicana de Entomologia. Folia entomologica Mexicana. June 1978. June 1978. (39/40). p. 130. (NAL Call No.: 421 F712).

0780

Transmission of tristeza and seedling yellows tristeza virus by small populations of Aphis gossypii (Aphid transmission of citrus virus).

Roistacher, C.N. Bar-Joseph, M.; Gumpf, D.J. St. Paul, Minn. : American Phytopathological Society. Plant disease. June 1984. v. 68 (6). p. 494-496. ill. Includes references. (NAL Call No.: 1.9 P69P).

0781

Tristeza control by cross protection: a U.S.-Brazil cooperative success (Citrus, virus diseases).

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0782

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0784

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Cambra, M. Hermoso de Mendoza, A.; Moreno, P.; Navarro, L. Shimizu, Japan : International Society of Citriculture, 1982-1983. Proceedings of the International Society of Citriculture / International Citrus Congress, November 9-12, 1981, Tokyo, Japan ; K. Matsumoto, editor. p.

444-448. Includes 21 references. (NAL Call No.: DNAL SB369.I5 1981).

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The use of enzyme-linked immunosorbent assay for detection of (aphid-borne) citrus tristeza virus (from Israel and Florida).
Bar-Joseph, M. Garnsey, S.M. St. Paul, American Phytopathological Society. Phytopathology. Feb 1979. v. 69 (2). p. 190-194. ill. 20 ref. (NAL Call No.: 464.8 P56).

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Using plant viruses for disease control.
HUHSA. Hamilton, R.I. Alexandria, Va. : American Society for Horticultural Science. HortScience. Paper presented at the "Symposium on Virus Diseases: A Dilemma for Plant Breeders," August 7, 1984, Vancouver, British Columbia. Oct 1985. v. 20 (5). p. 848-852. Includes 69 references. (NAL Call No.: DNAL SB1.H6).

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Timmer, L.W. Garnsey, S.M. St. Paul, American Phytopathological Society. Phytopathology. Mar 1979. v. 69 (3). p. 200-203. ill. 18 ref. (NAL Call No.: 464.8 P56).

0788

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0789

Virus and virus-like diseases of citrus and their impact on citrus production and germplasm selection.
FVRJA. Garnsey, S.M. University Park, Pa. : American Pomological Society. Fruit varieties journal. July 1985. v. 39 (3). p. 36-46. ill. Includes 40 references. (NAL Call No.: DNAL 80 F9464).

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Virus and viruslike diseases (of citrus).
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0792

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Mahoney, M.P. Tampa, Fla., Kyle Publishing Co. Citrus & vegetable magazine. Nov 1980. v. 44 (3). p. 16-17, 45. (NAL Call No.: 80 C498).

0793

Citrus blight and wood pH in Cuba and Florida (Disorder, plant nutrition).
Wutscher, H.K. HUSA. Del Valle, N.; Bernard, A. de. Alexandria : American Society for Horticultural Science. HortScience. Aug 1983. v. 18 (4, sect.1). p. 486-488. Includes references. (NAL Call No.: SB1.H6).

0794

Comparison of several zinc foliar treatments for correction of zinc-deficiency in citrus trees.
Anderson, C.A. Leonard, C.D. (S.I.) : The Society. Proceedings - Soil and Crop Science Society of Florida. 1982. v. 41. p. 169-171. Includes references. (NAL Call No.: 56.9 S032).

0795

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PLPHA. Rabe, E. Lovatt, C.J. Rockville, Md. : American Society of Plant Physiologists. Plant physiology. Nov 1984. v. 76 (3). p. 747-752. Includes 17 references. (NAL Call No.: DNAL 450 P692).

0796

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Pinckard, J.A. Tampa, Fla., Kyle Publishing Co. Citrus & vegetable magazine. June 1980. v. 43 (10). p. 14, 20. ill. (NAL Call No.: 80 C498).

0797

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CAGRA. Schneider, H. Pehrson, J.E. Jr. Berkeley : The Station. California agriculture - California Agricultural Experiment Station. Sept/Oct 1985. v. 39 (9/10). p. 13-16. ill. (NAL Call No.: DNAL 100 C12CAG).

0798

Effect of chilling on respiration and volatiles of California lemon fruit (Physiological disorders).
Eaks, I.L. Alexandria, Va., The Society. Journal of the American Society for Horticultural Science. Nov 1980. v. 105 (6). p. 865-869. ill. 12 ref. (NAL Call No.: 81 S012).

0799

Ethylene, cellulase, 2,4-D, and summer fruit drop of navel orange in Florida (Citrus sinensis, abscission, growth regulators).
Lima, J.E.O. JOSHB. Davies, F.S. Alexandria : The Society. Journal of the American Society for Horticultural Science. Jan 1984. v. 109 (1). p. 100-104. ill. Includes references. (NAL Call No.: 81 S012).

0800

Factors associated with excessive fruit drop of navel orange (Abcission, fruit set).
Lima, J.E.O. de. Davies, F.S.; Krezdorn, A.H. Alexandria, Va., The Society. Journal of the American Society for Horticultural Science. Nov 1980. v. 105 (6). p. 902-906. ill. 17 ref. (NAL Call No.: 81 S012).

0801

Frequency distribution of zinc in leaves with and without zinc-deficiency symptoms, all collected from a single orange tree (Citrus senensis, Citrus aurantium).
Wallace, A. Alexander, G.V.; Kinnear, J.; Procopiou, J.; Haritou-Andriotaki, A.; Papanicolaou, X. Baltimore, Md., Williams & Wilkins. Soil science. July 1982. v. 134 (1). p. 45-50. ill. 10 ref. (NAL Call No.: 56.8 S03).

0802

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Pinckard, J.A. Tampa, Fla., Kyle Publishing Co. Citrus & vegetable magazine. Dec 1980. v. 44 (4). p. 10, 12, 18. 7 ref. (NAL Call No.: 80 C498).

0803

Importance of penetration through stomata in the correction of chlorosis with iron salts and low-surface-tension surfactants (Oranges).
Levy, Y. Horesh, I. New York, N.Y. : Marcel Dekker. Journal of plant nutrition. 1984. Presented at the "Second International Symposium on Iron Nutrition and Interactions in Plants," August 2-5, 1983, Utah State University, Logan. v. 7 (1/5). p. 279-281. ill.

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0804

Influence of manganese deficiency on phosphorus fractions in lemon leaves (Chlorosis).

Hellin, E. Alcaraz, C.F. New York, Marcel Dekker. Journal of plant nutrition. 1980. v. 2 (3). p. 323-333. ill. 9 ref. (NAL Call No.: QK867.J67).

0805

Iron content during lime-induced chlorosis with two citrus rootstocks (Citrus aurantium, sour oranges, Poncirus trifoliata, trifoliolate oranges).

Hamze, M. Nimah, M. New York ; Basel : Marcel Dekker, 1982. Iron nutrition and interactions in plants : Brigham Young University, August 12-14, 1981 / edited by S.D. Nelson ... (et al.). p. 797-804. 17 ref. (NAL Call No.: QK867.J67 v. 5, nos. 4-7).

0806

Leaf analysis vital before planning fertilizer program for citrus trees (Includes nutritional deficiencies).

Vista, Calif., Rancher Publications. Avocado grower. Aug 1980. v. 4 (8). 26-27. ill. (NAL Call No.: SB379.A9A9).

0807

Micronutrient deficiencies of citrus (California soils).

Platt, R.G. Berkeley, Calif., The Service. Leaflet - University of California, Cooperative Extension Service. Jan 1981. Jan 1981. (2115). 10 p. ill. (NAL Call No.: S544.3.C2C3).

0808

Mineral composition of two populations of leaves--green and iron chlorotic--of the same age all from the same tree (Citrus limon, lemons, nutrient status, iron deficiency).

Procopiou, J. Wallace, A. New York ; Basel : Marcel Dekker, 1982. Iron nutrition and interactions in plants : Brigham Young University, August 12-14, 1981 / edited by S.D. Nelson ... (et al.). p. 811-820. 6 ref. (NAL Call No.: QK867.J67 v. 5, nos. 4-7).

0809

Physiological disorders of citrus fruits.

Grierson, W. Shimizu, Japan : International Society of Citriculture, 1982-1983. Proceedings of the International Society of Citriculture / International Citrus Congress, November 9-12, 1981, Tokyo, Japan ; K. Matsumoto, editor. p. 764-765. Includes 84 references. (NAL Call No.: DNAL SB369.I5 1981).

0810

Rates of blight incidence in trees on Carrizo citrange and other rootstocks.

Young, R.H. PFSHA. Albrigo, L.G.; Cohen, M.; Castle, W.S. Lake Alfred : The Society. Proceedings of the ... annual meeting - Florida State Horticultural Society. 1982. v. 95. p. 76-78. Includes references. (NAL Call No.: 81 F66).

0811

Relationship of xylem plugging to reduced water uptake and symptom development in citrus trees with blight and blightlike declines.

PHYTAJ. Brlansky, R.H. Timmer, L.W.; Lee, R.F.; Graham, J.H. St. Paul, Minn. : American Phytopathological Society. Phytopathology. Nov 1984. v. 74 (11). p. 1325-1328. Includes 16 references. (NAL Call No.: DNAL 464.8 P56).

0812

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Young, R.H. AR-SO. Wutscher, H.K.; Albrigo, L.G. Alexandria, Va., The Society. Journal of the American Society for Horticultural Science. American Society for Horticultural Science. May 1980. v. 105 (3). p. 444-447. ill. 20 ref. (NAL Call No.: 81 S012).

0813

Research solves SEB (stylar-end breakdown) problem in limes (Heat stress and high turgor pressure associated with fruit maturity, Florida).

Gainesville : Institute of Food and Agricultural Sciences. Florida agricultural research - University of Georgia, Agricultural Experiment Stations. Winter 1983. v. 2 (1). p. 14-16. ill. (NAL Call No.: S539.5.F55).

(PLANT DISEASES - PHYSIOLOGICAL)

0814

**The split-phloem variant in California
Valencias (Oranges).**

Platt, R.G. Calavan, E.C.; Burns, R.M. Los Angeles, California Citrograph Publishing Co. Citrograph. June 1980. v. 65 (8). p. 241-242. ill. (NAL Call No.: 80 C125).

0815

Tissue pH of blight-affected and healthy citrus trees.

Wutscher, H.K.PFSHA. Lake Alfred : The Society. Proceedings of the ... annual meeting - Florida State Horticultural Society. 1982. v. 95. p. 68-70. ill. Includes references. (NAL Call No.: 81 F66).

0816

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Syvertsen, J.P. AR-SO. Bausher, M.G.; Albrigo, L.G. Alexandria, Va., The Society. Journal of the American Society for Horticultural Science. American Society for Horticultural Science. May 1980. v. 105 (3). p. 431-434. ill. 22 ref. (NAL Call No.: 81 S012).

0817

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Edwards, G.J. Blazquez, C.H.; Young, R.H.; Davis, T. Jr. Shimizu, Japan : International Society of Citriculture, 1982-1983. Proceedings of the International Society of Citriculture / International Citrus Congress, November 9-12, 1981, Tokyo, Japan ; K. Matsumoto, editor . p. 368-370. Includes 20 references. (NAL Call No.: DNAL SB369.I5 1981).

MISCELLANEOUS PLANT DISORDERS

0818

Cold protection for freeze-damaged trees.
Hardy, N.G. Bartow, Fla. : Citrus Industry.
Citrus industry. Nov 1984. v. 65 (11). p.
43-44. (NAL Call No.: DNAL 80 C49).

0819

Florida citrus: Color it gray, green and blue.
Los Angeles, Calif. : California Citrograph
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4-5, 7-9. ill. (NAL Call No.: DNAL 80 C125).

0820

Freeze recovery for Florida citrus.
Carlton, K. Smith, W.H. Washington, D.C. : The
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0821

**Frost protection guides for 1980-81 (Citrus
industry).**
Los Angeles, California Citrograph Publishing
Co. Citrograph. Sept 1980. v. 65 (11). p.
311-314. (NAL Call No.: 80 C125).

0822

**Fruit thinning of Florida mandarins using plant
growth regulators.**
Wheaton, T.A. Shimizu, Japan : International
Society of Citriculture, 1982-1983. Proceedings
of the International Society of Citriculture /
International Citrus Congress, November 9-12,
1981, Tokyo, Japan ; K. Matsumoto, editor. p.
263-268. Includes 24 references. (NAL Call No.:
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0823

**High and low volume under-tree irrigation for
citrus cold protection.**
Buchanan, D.W.PFSHA. Davies, F.S.; Harrison,
D.S. Lake Alfred : The Society. Proceedings of
the ... annual meeting - Florida State
Horticultural Society. 1982. v. 95. p. 23-26.
ill. Includes references. (NAL Call No.: 81
F66).

0824

**High-density polyethylene wrap improves wound
healing and lengthens shelf-life of
mechanically harvested grapefruit (Citrus
paradisi, antitranspirants, phenylalanine
ammonia-lyase, Penicillium digitatum, fruit
injury).**
Golomb, A. Ben-Yehoshua, S.; Sarig, Y.
Alexandria, Va. : The Society. Journal of the
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0825

**High volume under-tree sprinkling for citrus
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Davies, F.S. s.l., The Society. Proceedings of
the ... annual meeting of the Florida State
Horticultural Society. 1980 (pub 1981). v. 93.
p. 9-2. ill. 8 ref. (NAL Call No.: 81 F66).

0826

**Ice nucleation active (INA) agents in freezing
of young citrus trees (Supercooling, protection
systems).**
Yelenosky, G.JOSHB. Alexandria : The Society.
Journal of the American Society for
Horticultural Science. Nov 1983. v. 108 (6). p.
1030-1034. Includes references. (NAL Call No.:
81 S012).

0827

**Increased freeze damage associated with
exocortis infection in navel oranges on Carrizo
citrange rootstock (Viroid, Florida).**
Garnsey, S.M.PFSHA. Lake Alfred : The Society.
Proceedings of the ... annual meeting - Florida
State Horticultural Society. 1982. v. 95. p.
3-7. ill. Includes references. (NAL Call No.:
81 F66).

0828

**Influence of canopy depth on susceptibility of
'Marsh' grapefruit to chilling injury
(Phyllocoptruta oleivora, citrus rust mite).**
Purvis, A.C. Alexandria, Va., American Society
for Horticultural Science. HortScience. Dec
1980. v. 15 (6). p. 731-733. ill. 11 ref. (NAL
Call No.: SB1.H6).

0829

**Irrigation for cold protection of citrus groves
and nurseries in Florida.**
Harrison, D.S.PFSHA. Smajstrla, A.G. Lake
Alfred : The Society. Proceedings of the ...
annual meeting - Florida State Horticultural
Society. 1982. v. 95. p. 26-28. ill. Includes
references. (NAL Call No.: 81 F66).

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0830

Low volume microsprinkler irrigation for citrus cold protection.

Parsons, L.R. PFSHA. Wheaton, T.A.; Tucker, D.P.H.; Whitney, J.D. Lake Alfred : The Society. Proceedings of the ... annual meeting - Florida State Horticultural Society. 1982. v. 95. p. 20-23. ill. Includes references. (NAL Call No.: 81 F66).

0831

A new insulator wrap to protect young citrus trees during freezes (Frost injury).

Yelenosky, G. Alexandria, Va., American Society for Horticultural Science. HortScience. Feb 1981. v. 16 (1). p. 44-45. 4 ref. (NAL Call No.: SB1.H6).

0832

Phytotoxic responses from citrus fruit to fumigation with ethylene dibromide.

PHYTAU. Houck, L.G. Jenner, J.F.; Tebbets, S.; Hartzell, P.L. St. Paul, Minn. : American Phytopathological Society. Phytopathology. May 1985. v. 75 (5). p. 616-622. Includes 33 references. (NAL Call No.: DNAL 464.8 P56).

0833

Pointers on planning a citrus frost protection program (Frost damage, California, Arizona).

Pehrson, J. Los Angeles, Calif. : California Citrograph Pub. Co. Citrograph. Sept 1984. v. 69 (11). p. 263-264. (NAL Call No.: 80 C125).

0834

Protecting citrus from cold losses.

Opitz, K.W. CA. Brewer, R.F.; Platt, R.G. Berkeley, The Service. Leaflet - Division of Agricultural Sciences, University of California. California. University, Berkeley. Cooperative Extension Service. June 1979. June 1979. (2372). 18 p. ill. 17 ref. (NAL Call No.: S544.3.C2C3).

0835

Removing leaf litter doesn't protect oranges from frost.

Snyder, R.L. Pehrson, J.E.; Hatfield, J.L. Berkeley, Calif., The Station. California agriculture - California Agricultural Experiment Station. Nov/Dec 1981. v. 35 (11/12). p. 12-13. ill. (NAL Call No.: 100 C12CAG).

0836

Research solves SEB (styler-end breakdown) problem in limes (Heat stress and high turgor pressure associated with fruit maturity, Florida).

Gainesville : Institute of Food and Agricultural Sciences. Florida agricultural research - University of Georgia, Agricultural Experiment Stations. Winter 1983. v. 2 (1). p. 14-16. ill. (NAL Call No.: S539.5.F55).

0837

Scientists still learning about frost protection sprays.

Los Angeles, Calif. : California Citrograph Pub. Co. Citrograph. Dec 1984. v. 70 (2). p. 43-44. (NAL Call No.: DNAL 80 C125).

0838

Syringe injection of water into the trunk: a rapid diagnostic test for citrus blight (Diseases of unknown etiology, Florida, South Africa).

Lee, R.F. Marais, L.J.; Timmer, L.W.; Graham, J.H. St. Paul, Minn. : American Phytopathological Society. Plant disease. June 1984. v. 68 (6). p. 511-513. Includes references. (NAL Call No.: 1.9 P69P).

0839

Temperature management and carbon dioxide treatments that reduce chilling injury in grapefruit stored at low temperatures.

Matton, T.T. Davis, P.L.; Cubbedge, R.H.; Munroe, K.A. Shimizu, Japan : International Society of Citriculture. 1982-1983. Proceedings of the International Society of Citriculture / International Citrus Congress, November 9-12, 1981, Tokyo, Japan ; K. Matsumoto, editor. p. 728-731. ill. Includes 33 references. (NAL Call No.: DNAL SB369.I5 1981).

0840

Use of microsprinklers for cold protection in an advective freeze.

Parsons, L.R. Bartow, Fla. : Citrus Industry. Citrus industry. Dec 1984. v. 65 (12). p. 8, 11. Includes 3 references. (NAL Call No.: DNAL 80 C49).

0841

Wound-induced (chemical or mechanical) ethylene production in peel explants of 'Valencia' orange fruit.

Evensen, K.B. Bausher, M.G.; Biggs, R.H. Alexandria, Va., American Society for Horticultural Science. HortScience. Feb 1981. v. 16 (1). p. 43-44. 9 ref. (NAL Call No.: 100 C12CAG).

SB1.H6).

PROTECTION OF PLANT PRODUCTS – GENERAL AND MISC.

0842

Chilling injury and decay of lemons as affected by ethylene, low temperature, and optimal storage.

HJHSA. McDonald, R.E. Hatton, T.T.; Cubbedge, R.H. Alexandria, Va. : American Society for Horticultural Science. HortScience. Feb 1985. v. 20 (1). p. 92-93. Includes 6 references. (NAL Call No.: DNAL SB1.H6).

0843

Comparison of decay control strategies in California lemon packinghouses (*Penicillium italicum*, *Penicillium digitatum*, fruit-handling practices and sanitation, monitoring fungicide resistance).

Bancroft, M.N. Gardner, P.D.; Eckert, J.W.; Baritelle, J.L. St. Paul, American Phytopathological Society. Plant disease. Jan 1984. v. 68 (1). p. 24-28. Includes references. (NAL Call No.: 1.9 P69P).

0844

Decay of lemons in plastic wrap.

Eckert, J.W. Sievert, J.R.; Ratnayake, M. Los Angeles, Calif. : California Citrograph Pub. Co. Citrograph. Nov 1984. v. 70 (1). p. 11-14. Includes 23 references. (NAL Call No.: DNAL 80 C125).

0845

Design parameters for fumigant (ethylene dibromide) recovery and regeneration (A system for reducing air pollution hazard associated with post-harvest fumigation of citrus).

Miller, W.M. Ismail, M.A. St. Joseph, Mich., The Society. Transactions of the ASAE. American Society of Agricultural Engineers. Sept/Oct 1979. v. 22 (5). p. 1167-1170. ill. 14 ref. (NAL Call No.: 290.9 AM32T).

0846

Dip pasteurization: a solution for resistance to fungicides? (*Penicillium digitatum*, lemons).

Morris, S.C. Alexandria, Va., American Society for Horticultural Science. HortScience. Dec 1980. v. 15 (6). p. 757-758. ill. 11 ref. (NAL Call No.: SB1.H6).

0847

Diphenyl absorption by honey tangerines: the effects of washing and waxing and time and temperature of storage (Fungistat).

Nagy, S. Wardowski, W.F. Washington, D.C., American Chemical Society. Journal of agricultural and food chemistry. July/Aug 1981. v. 29 (4). p. 760-763. ill. 22 ref. (NAL Call No.: 381 J8223).

0848

Effect of photoperiod and temperature on diapause in a Florida strain of the tropical warehouse moth *Ephestia cautella* (living on citrus pulp).

Bell, C.H. Bowley, C.R. Oxford, Pergamon Press. Journal of insect physiology. 1980. v. 26 (8). p. 533-538. ill. 14 ref. (NAL Call No.: 421 J825).

0849

Efficacy of citrus postharvest fungicides applied in water or resin solution water wax (Control of *Diplodia natalensis* and *Penicillium digitatum*, causes of stem-end rot and green mold on stored fruit).

Brown, G.E. St. Paul, Minn. : American Phytopathological Society. Plant disease. May 1984. v. 68 (5). p. 415-418. ill. Includes references. (NAL Call No.: 1.9 P69P).

0850

Endopolygalacturonase from Valencia oranges infected with *Diplodia natalensis* (Postharvest soft rot).

Barmore, C.R. Snowden, S.E.; Brown, G.E. St. Paul, Minn. : American Phytopathological Society. Phytopathology. June 1984. v. 74 (6). p. 735-737. Includes 27 references. (NAL Call No.: 464.8 P56).

0851

Ethylene effects on in vitro and in vivo growth of certain postharvest fruit-infecting fungi (*Citrus sinensis*, Valencia oranges, *Fragaria chiloensis* var. *ananassa*, strawberries).

El-Kazzaz, M.K. PHYTA. Sommer, N.F.; Kader, A.A. St. Paul : American Phytopathological Society. Phytopathology. July 1983. v. 73 (7). p. 998-1001. Includes references. (NAL Call No.: 464.8 P56).

0852

Flavanone content of freeze-induced aggregates in segment-walls of oranges (*Citrus sinensis* (L.) Osbeck (Freeze damage).

Albach, R.F. Redman, G.H. Westlaco, Tex., The Society. Journal. Rio Grande Valley Horticultural Society. 1977. v. 31. p. 45-52. ill. 10 ref. (NAL Call No.: 81 L95).

0853

Fruit handling and decay control techniques affecting quality (Citrus).

Brown, G.E. Washington, D.C., The Society. ACS symposium series - American Chemical Society. 1980. Literature review. 1980. (143). p. 193-224. 311 ref. (NAL Call No.: QD1.A45).

0854

High-density polyethylene wrap improves wound healing and lengthens shelf-life of mechanically harvested grapefruit (*Citrus paradisi*, antitranspirants, phenylalanine ammonia-lyase, *Penicillium digitatum*, fruit injury).

Golomb, A. Ben-Yehoshua, S.; Sarig, Y. Alexandria, Va. : The Society. Journal of the American Society for Horticultural Science. Mar 1984. v. 109 (2). p. 155-159. ill. Includes references. (NAL Call No.: 81 S012).

0855

Investigations on new postharvest fungicides for citrus fruits in California.

Eckert, J.W. Bretschneider, B.F.; Ratnayake, M. Shimizu, Japan : International Society of Citriculture, 1982-1983. Proceedings of the International Society of Citriculture / International Citrus Congress, November 9-12, 1981, Tokyo, Japan ; K. Matsumoto, editor . p. 804-810. ill. Includes 32 references. (NAL Call No.: DNAL SB369.I5 1981).

0856

Investigations with experimental citrus postharvest fungicides in Florida.

Brown, G.E. Shimizu, Japan : International Society of Citriculture, 1982-1983. Proceedings of the International Society of Citriculture / International Citrus Congress, November 9-12, 1981, Tokyo, Japan ; K. Matsumoto, editor . p. 815-818. ill. Includes 24 references. (NAL Call No.: DNAL SB369.I5 1981).

0857

Lignification of injuries to citrus fruit and susceptibility to green mold (*Penicillium digitatum*, oranges, grapefruit).

Brown, G.E. Ismail, M.A. Lake Alfred. Proceedings of the ... annual meeting Florida State Horticultural Society. 1978 (pub. 1979). v. 91. p. 124-126. ill. 11 ref. (NAL Call No.: 81 F66).

0858

Mechanically assisted grading of oranges for processing.

Bryan, W.L. Anderson, B.J. St. Joseph, Mich. Transactions of the ASAE American Society of Agricultural Engineers. Nov/Dec 1978. v. 21 (6). p. 1226-1231. ill. 10 ref. (NAL Call No.: 290.9 AM32T).

0859

Metalaxyl for postharvest control of brown rot of citrus fruits (*Phytophthora citrophthora*).

Cohen, E. St. Paul, Minn., American Phytopathological Society. Plant disease. Aug 1981. v. 65 (8). p. 672-675. ill. 8 ref. (NAL Call No.: 1.9 P69P).

0860

Occurrence and identification of preharvest fruit blemishes in Florida citrus groves.

Albrigo, L.G. Lake Alfred. Proceedings of the ... annual meeting Florida State Horticultural Society. 1978 (pub. 1979). v. 91. p. 78-81. ill. 50 ref. (NAL Call No.: 81 F66).

0861

Outgassing of ethylene dibromide from fumigated oranges (Worker exposure to pesticides).

Rappaport, S.M. Cameron, W.; McAllister, J. Washington, D.C. : American Chemical Society. Journal of agricultural and food chemistry. Sept/Oct 1984. v. 32 (5). p. 1112-1116. ill. Includes 10 references. (NAL Call No.: 381 J8223).

0862

Packinghouse operations and shipping conditions of citrus for export (Florida).

Wardowski, W.F. S.I., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. 1981 (pub. 1982). v. 94. p. 254-256. Includes 27 ref. (NAL Call No.: 81 F66).

0863

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Nelson, P.M. Wheeler, R.W.; McDonald, P.D. Shimizu, Japan : International Society of Citriculture, 1982-1983. Proceedings of the International Society of Citriculture / International Citrus Congress, November 9-12, 1981, Tokyo, Japan ; K. Matsumoto, editor . p. 820-823. Includes 16 references. (NAL Call No.: DNAL SB369.I5 1981).

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Soderstrom, E.L. Brandl, D.G. College Park, Entomological Society of America. Journal of economic entomology. Aug 1982. v. 75 (4). p. 704-705. 7 ref. (NAL Call No.: 421 J822).

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Jordan, L.S. Clerx, W.A. Champaign, Ill., Weed Science Society of America. Weed science. Jan 1981. v. 29 (1). p. 1-5. 9 ref. (NAL Call No.: 79.8 W41).

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Wardowski, W.F. Ting, S.V. Mount Vernon, Va. Journal American Society for Horticultural Science. July 1979. v. 104 (4). p. 440-443. ill. 13 ref. (NAL Call No.: 81 S012).

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Increased aeration of citrus fumigated with ethylene dibromide (Caribbean fruit fly, *Anastrepha suspensa*, air pollution).
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Solel, Z. Sandler, D. St. Paul, Minn., American Phytopathological Society. Phytopathology. Dec 1979. v. 69 (12). p. 1273-1277. ill. 22 ref. (NAL Call No.: 464.8 P56).

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Coleman, R.L. Shaw, P.E. Washington, American Chemical Society. Journal of agricultural and food chemistry. Mar/Apr 1979. v. 27 (2). p. 402-406. ill. 17 ref. (NAL Call No.: 381 J8223).

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Irrigation water supply as a bioeconomic process.

Lynne, G.D. Boggess, W.G.; Portier, K.M. Experiment, Ga. : The Association. Extract: Irrigation water is produced within the irrigation subprocess of a farm. Water supply is identified for effective field water, which sets the upper bound on water available for plant use. Georgescu-Roegen process analysis concepts are merged with the neoclassical theory of cost as the underlying framework. The approach is illustrated for a permanent overhead system used in a Florida citrus grove. The marginal cost for the 2.54 centimeters application depth dominates all other depths for the higher water levels. Process analysis is an important analytical tool for increasing understanding of the features of irrigation water supply. Southern journal of agricultural economics - Southern Agricultural Economics Association. Includes statistical data. Dec 1984. v. 16 (2). p. 73-82. Includes 27 references. (NAL Call No.: DNAL AGE HD101.S6).

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**Management of drip irrigation systems. II.
(Fertilizer materials used in avocado and
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**Modification of air temperature and citrus leaf
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Wilcox, D. Davies, F.S. S.l., The Society.
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**Trickle irrigation: chemical treatment of
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FOOD SCIENCE, HORTICULTURAL CROP

1035

Citrus fruits-- varieties, chemistry, technology, and quality evaluation. Part I: Varieties, production, handling, and storage.
Ramana, K.V.R. Govindarajan, V.S.; Ranganna, S.
Boca Raton, Fla., CRC Press. Abstract: A critical account is presented on various aspects of the characteristics and use of citrus fruits. Citrus fruit topics covered in detail include: classification, breeding, diseases (causing loss), production, growth in various countries, composition (as affected by various factors), maturity standards (for harvesting), harvesting, commercial handling, and storage. Factors causing crop loss are reviewed, including infectious diseases (fungal, bacterial, viral), nematodes, and pests. Factors affecting fruit composition are discussed: rootstock characteristics, climate, tree age and density, nutrient status effects (e.g., phosphorus, potassium, calcium, nitrogen, trace elements, vitamin C), growth regulators, chemical sprays, and growth and maturation effects. Harvesting, handling, grading, and storage procedures are reviewed. Control of post-harvest diseases and changes in chemical constituents during storage are discussed. Numerous tabular data are included. (wz). CRC critical reviews in food science and nutrition. Dec 1981. Literature review. v. 15 (4). p. 353-432. ill., charts. 411 ref. (NAL Call No.: TP368.C7).

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Comparison of decay control strategies in California lemon packinghouses (*Penicillium italicum*, *Penicillium digitatum*, fruit-handling practices and sanitation, monitoring fungicide resistance).
Bancroft, M.N. Gardner, P.D.; Eckert, J.W.; Baritelle, J.L. St. Paul, American Phytopathological Society. Plant disease. Jan 1984. v. 68 (1). p. 24-28. Includes references. (NAL Call No.: 1.9 P69P).

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FOOD PROCESSING, HORTICULTURAL CROP

1038

Properties data for preservative coatings on citrus (Chemical, physical and thermal properties, water waxes).

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FOOD STORAGE

1039

Quality of gamma irradiated California Valencia oranges.

JFDAZ. Nagai, N.Y. Moy, J.H. Chicago, Ill. : Institute of Food Technologists. Abstract: The effects of gamma irradiation at 0.30-1.0 kGy (30-100 krad) on sensory qualities, certain biochemical components, and short-term storage life of Valencia oranges were examined. Irradiation at 0.75 kGy maintained food quality during 7 degree C storage for 7 weeks, while 0.50 kGy irradiation retained food quality at 21 degrees C. Irradiation at 0.26-0.30 kGy accomplished fruit fly disinfection while preserving market qualities of the oranges. (wz). Journal of food science. Presented at the 44th Annual Meeting of the Institute of Food Technologists, Anaheim, CA, June 10-13, 1984. Jan/Feb 1985. v. 50 (1). p. 215-219. ill., charts. Includes 13 references. (NAL Call No.: DNAL 389.8 F7322).

FOOD STORAGE, HORTICULTURAL CROP

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Biochemical changes in Washington navel oranges during their growing and under different storage conditions.

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Diphenyl absorption by honey tangerines: the effects of washing and waxing and time and temperature of storage (Fungistat).

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Fruit handling and decay control techniques affecting quality (Citrus).

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Potential for gamma-radiation as a quarantine treatment for Caribbean fruit fly in citrus.

Spalding, D.H. Davis, D.F. Honolulu : Hawaii Institute of Tropical Agric. & Human Resources, Univ. of Hawaii, Manoa, 1985. Radiation disinfestation of food and agricultural products : proceedings of an international conference, Honolulu, Hawaii, November 14-18, 1983 / edited by James H. Moy. p. 160-165. Includes 9 references. (NAL Call No.: DNAL TP371.8.R284).

1046

Reducing chilling injury in grapefruit by prestorage conditioning (Citrus paradisi, decay, Penicillium digitatum).

Hatton, T.T. Cubbage, R.H. New Orleans : The Region. Advances in agricultural technology. AAT-S - United States, Dept. of Agriculture, Agricultural Research Service, Southern Region. June 1982. June 1982. (25). 6 p. ill. Includes references. (NAL Call No.: aS21.A75U7).

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Shipment and storage of Florida grapefruit using unipack film barriers.

Albrigo, L.G. Ismail, M.A.; Hale, P.W.; Hatton, T.T. Jr. Shimizu, Japan : International Society of Citriculture, 1982-1983. Proceedings of the International Society of Citriculture / International Citrus Congress, November 9-12, 1981, Tokyo, Japan ; K. Matsumoto, editor. p. 714-717. Includes references. (NAL Call No.: DNAL SB369.I5 1981).

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Soft rot of citrus fruit caused by Penicillium digitatum and Penicillium italicum (Florida).

Barmore, C.R. Brown, G.E. s.l., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. 1980 (pub. 1981). v. 93. p. 305-307. 13 ref. (NAL Call No.: 81 F66).

FOOD CONTAMINATION AND TOXICOLOGY

1049

EDB controversy becomes focus of Congressional hearings.

Washington, D.C. : Food Chemical News, Inc.
Abstract: Information concerning the controversy of residues of the toxin ethylene dibromide (EDB) fumigant in grain products, citrus and citrus juices is highlighted with respect to pending US congressional hearings. Anticipated witnesses will include representatives from EPA, FDA, USDA, the Grocery Manufacturers of America (GMA), and Florida officials, as well as a consulting toxicologist. Data on EDB residue levels in various grains and grain products are cited, ranging from less than 1 part-per-billion (ppb) in samples from most products to up to 26,600 ppb in raw grains. It is estimated that up to 40% of the 1983 US wheat crop is affected. Pending agency and legal actions are cited. FDA has issued high priority programs for sampling citrus and citrus juices while EPA expects to set levels for state use. The GMA is preparing an EDB exposure risk assessment for grain product consumption. (wz). Food chemical news. Jan 23, 1984. v. 25 (46). p. 47-50. (NAL Call No.: DNAL FNC TX553.A3A6 F&N).

FOOD CONTAMINATION, HORTICULTURAL CROP

1050

Citrus fruits-- varieties, chemistry, technology, and quality evaluation. Part I: Varieties, production, handling, and storage. Ramana, K.V.R. Govindarajan, V.S.; Ranganna, S. Boca Raton, Fla., CRC Press. Abstract: A critical account is presented on various aspects of the characteristics and use of citrus fruits. Citrus fruit topics covered in detail include: classification, breeding, diseases (causing loss), production, growth in various countries, composition (as affected by various factors), maturity standards (for harvesting), harvesting, commercial handling, and storage. Factors causing crop loss are reviewed, including infectious diseases (fungal, bacterial, viral), nematodes, and pests. Factors affecting fruit composition are discussed: rootstock characteristics, climate, tree age and density, nutrient status effects (e.g., phosphorus, potassium, calcium, nitrogen, trace elements, vitamin C), growth regulators, chemical sprays, and growth and maturation effects. Harvesting, handling, grading, and storage procedures are reviewed. Control of post-harvest diseases and changes in chemical constituents during storage are discussed. Numerous tabular data are included. (wz). CRC critical reviews in food science and nutrition. Dec 1981. Literature review. v. 15 (4). p. 353-432. ill., charts. 411 ref. (NAL Call No.: TP368.C7).

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Diphenyl absorption by honey tangerines: the effects of washing and waxing and time and temperature of storage (Fungistat). Nagy, S. Wardowski, W.F. Washington, D.C., American Chemical Society. Journal of agricultural and food chemistry. July/Aug 1981. v. 29 (4). p. 760-763. ill. 22 ref. (NAL Call No.: 381 J8223).

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Further steps taken to eliminate EDB (ethylene dibromide, pesticide residues in citrus fruits and papayas, U.S. Federal Food, Drug, and Cosmetic Act, U.S. Environmental Protection Agency, legislation). Washington : Office of Public Awareness. EPA Environmental Protection Agency journal. Apr 1984. v. 10 (4). p. 18-19. ill. (NAL Call No.: TD171.U5).

1053

Mycotoxin production in whole tomatoes, apples, oranges and lemons (Alternaria molds). Stinson, E.E. Osman, S.F.; Heisler, E.G.; Siciliano, J.; Bills, D.D. Washington, D.C., American Chemical Society. Journal of agricultural and food chemistry. July/Aug 1981. v. 29 (4). p. 790-792. 8 ref. (NAL Call No.: 381 J8223).

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Radiation for fumigation: the FDA introduces some interesting problems (Citrus). Los Angeles, California Citrograph Publishing Co. Citrograph. July 1981. v. 66 (9). p. 216. (NAL Call No.: 80 C125).

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A specific HPLC method for residual imazalil and its main metabolite T 824 (Fungicides, residue analysis in citrus fruits or vegetables, methods). Wynants, J. Gent, Belgium : Het Faculteit. Mededelingen van de Faculteit Landbouwwetenschappen Rijksuniversiteit. 1982. International Symposium on Crop Protection. v. 47 (1). p. 347-359. ill. Includes references. (NAL Call No.: 105.1 G344).

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Studies on the inhibition of Alternaria citri in stored citrus fruits. Farooqi, W.A. Shaukat, G.A.; Malik, M.A.; Ahmad, M.S. S.I., The Society. Proceedings of the ... annual meeting of the Florida State Horticultural Society. 1981 (pub. 1982). v. 94. p. 279-280. Includes 10 ref. (NAL Call No.: 81 F66).

FOOD ADDITIVES

1057

Lime oil--distilled.

PEFLD. Lawrence, B.M. Wheaton, Ill. : Allured Publishing Corp. Perfumer & flavorist. Apr/May 1985. v. 10 (2). p. 58-60. Includes 10 references. (NAL Call No.: DNAL TP983.A1P4).

FOOD COMPOSITION

1058

Citrus fruits--varieties, chemistry, technology, and quality evaluation. Part II. Chemistry, technology, and quality evaluation. A. Chemistry.

Ranganna, S. CRFND. Govindarajan, V.S.; Ramana, K.V.R. Boca Raton : CRC Press. Abstract: A detailed literature review addresses chemical, technological, and quality evaluation aspects of citrus fruits, with respect to their chemical composition. Extensive data are presented on 12 chemical compositional categories comprising these fruits. These categories include: carbohydrates, polysaccharides, pectin and its structure, organic acids, nitrogenous constituents, lipids, carotenoids, vitamins, elemental species, flavonoids, volatile flavor constituents, and limonoids. Major attention is given to the 3 latter chemical categories. The review covers 649 literature citations, most of which were published over the past 15 years. (wz). CRC critical reviews in food science and nutrition. 1983. Literature review. v. 18 (4). p. 313-386. ill., charts. Includes 649 references. (NAL Call No.: TP368.C7).

FOOD COMPOSITION, HORTICULTURAL CROP

1059

DNAL 389.8 F7322).

The effects of rainfall and irrigation management on citrus juice quality in Texas.

Cruse, R.R. Wiegand, C.L.; Swanson, W.A. Alexandria, The Society. Journal of the American Society for Horticultural Science. Sept 1982. v. 107 (5). p. 767-770. 15 ref. (NAL Call No.: 81 S012).

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The influence of exogenous growth regulators on rind quality and internal quality of citrus fruits.

Coggins, C.W. Jr. Shimizu, Japan : International Society of Citriculture, 1982-1983. Proceedings of the International Society of Citriculture / International Citrus Congress, November 9-12, 1981, Tokyo, Japan ; K. Matsumoto, editor . p. 214-216. Includes 5 references. (NAL Call No.: DNAL SB369.I5 1981).

1061

Physical and chemical characteristics of water extracted soluble orange solids produced in Florida.

Ting, S.V.PFSHA. Barros, S.M.; Fellers, P.J. Lake Alfred : The Society. Proceedings of the ... annual meeting - Florida State Horticultural Society. 1982. v. 95. p. 201-204. Includes references. (NAL Call No.: 81 F66).

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Postharvest creasing of Robinson tangerines as affected by harvest date, pectinesterase activity and calcium content.

JHSCA. Nagy, S. Marshall, M.; Wardowski, W.F.; Rouseff, R.L. Ashford : Headley Brothers Ltd. The Journal of horticultural science. Jan 1985. v. 60 (1). p. 137-140. Includes references. (NAL Call No.: DNAL 80 J825).

1063

Quality of gamma irradiated California Valencia oranges.

JFDAZ. Nagai, N.Y. Moy, J.H. Chicago, Ill. : Institute of Food Technologists. Abstract: The effects of gamma irradiation at 0.30-1.0 kGy (30-100 krad) on sensory qualities, certain biochemical components, and short-term storage life of Valencia oranges were examined. Irradiation at 0.75 kGy maintained food quality during 7 degree C storage for 7 weeks, while 0.50 kGy irradiation retained food quality at 21 degrees C. Irradiation at 0.26-0.30 kGy accomplished fruit fly disinfection while preserving market qualities of the oranges. (wz). Journal of food science. Presented at the 44th Annual Meeting of the Institute of Food Technologists, Anaheim, CA, June 10-13, 1984. Jan/Feb 1985. v. 50 (1). p. 215-219. ill., charts. Includes 13 references. (NAL Call No.:

AGRICULTURAL PRODUCTS - PLANT

1064

Lime oil--distilled.

PEFLD. Lawrence, B.M. Wheaton, Ill. : Allured Publishing Corp. Perfumer & flavorist. Apr/May 1985. v. 10 (2). p. 58-60. Includes 10 references. (NAL Call No.: DNAL TP983.A1P4).

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Neroli in perfumery.

PEFLD. Anonis, D.P. Wheaton, Ill. : Allured Publishing Corp. Perfumer & flavorist. Feb/Mar 1985. v. 10 (1). p. 7-10. Includes 18 references. (NAL Call No.: DNAL TP983.A1P4).

POLLUTION

1066

Increased aeration of citrus fumigated with ethylene dibromide (Caribbean fruit fly, *Anastrepha suspensa*, air pollution). Miller, W.M.PFSA. Ismail, M.A.; Craig, J.O. Lake Alfred : The Society. Proceedings of the ... annual meeting - Florida State Horticultural Society. 1982. v. 95. p. 216-218. Includes references. (NAL Call No.: 81 F66).

1067

Minimizing salt in drain water by irrigation management--Arizona field studies with citrus (Valencia orange trees, salt leaching, Wellton-Mohawk Irrigation and Drainage District). Hoffman, G.J. Oster, J.D.; Maas, E.V.; Rhoades, J.D.; Van Schilfgaarde, J. Amsterdam : Elsevier Scientific. Agricultural water management. June 1984. v. 9 (1). p. 61-78. Includes references. (NAL Call No.: S494.5.W3A3).

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Nitrogen, fertilizer management of vigorous lemons and nitrate-pollution potential of groundwater / by T.W. Embleton ... (et al.). Embleton, T. W. Davis, Calif. California Water Resources Center, University of California 1980. vi, 29 p. : ill. ; 28 cm. -. Bibliography: p. 27-29. (NAL Call No.: S651.N5).

MATHEMATICS AND STATISTICS

1069

The citrus rust mite game: a simulation model of pest losses.

Allen, J.C. College Park, Md., Entomological Society of America. Environmental entomology. Apr 1981. v. 10 (2). p. 171-176. 21 ref. (NAL Call No.: QL461.E532).

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Distribution of Panonychus citri (McGregor) and Euseius tularensis Congdon on central California orange trees with implications for binomial sampling.

AGEND. Zalom, F.G. Kennett, C.E.; O'Connell, N.V.; Flaherty, D.; Morse, J.G.; Wilson, L.T. Amsterdam : Elsevier. Agriculture ecosystems & environment. Nov 1985. v. 14 (1/2). p. 119-129. Includes references. (NAL Call No.: DNAL S601.A34).

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Irrigation water supply as a bioeconomic process.

Lynne, G.D. Boggess, W.G.; Portier, K.M. Experiment, Ga. : The Association. Extract: Irrigation water is produced within the irrigation subprocess of a farm. Water supply is identified for effective field water, which sets the upper bound on water available for plant use. Georgescu-Roegen process analysis concepts are merged with the neoclassical theory of cost as the underlying framework. The approach is illustrated for a permanent overhead system used in a Florida citrus grove. The marginal cost for the 2.54 centimeters application depth dominates all other depths for the higher water levels. Process analysis is an important analytical tool for increasing understanding of the features of irrigation water supply. Southern journal of agricultural economics - Southern Agricultural Economics Association. Includes statistical data. Dec 1984. v. 16 (2). p. 73-82. Includes 27 references. (NAL Call No.: DNAL AGE HD101.S6).

HUMAN MEDICINE, HEALTH AND SAFETY

1072

**Dicofol exposure to Florida citrus applicators:
effects of protective clothing.**

AECTCV. Nigg, H.N. Stamper, J.H.; Queen, R.M.
New York, N.Y. : Springer-Verlag. Archives of
environmental contamination and toxicology. Jan
1986. v. 15 (1). p. 121-134. Includes
references. (NAL Call No.: DNAL TD172.A7).

1073

**Outgassing of ethylene dibromide from fumigated
oranges (Worker exposure to pesticides).**

Rappaport, S.M. Cameron, W.; McAllister, J.
Washington, D.C. : American Chemical Society.
Journal of agricultural and food chemistry.
Sept/Oct 1984. v. 32 (5). p. 1112-1116. ill.
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CHEMISTRY

1074

Review of literature on herbicides, including phenoxy herbicides and associated dioxins / prepared for contracting officer's technical representative, Barclay M. Shepard ; submitted by JRB Associates.

Washington, D.C. Dept. of Medicine and Surgery, Veterans Administration (For sale by Supt. of Docs, U.S. G.P.O.) 1981. "October 1981"--P. 4 of cover ~"VA contract number: V101(93)P-823". 2 v. : ill. ; 28 cm. Includes bibliographies. (NAL Call No.: Z6724.C5R48).

TECHNOLOGY

1075

Computer-based feedback system for the care and management of citrus groves.

Boldon, J.L. Ray, K.B. Sr.; Miller, R.N. St. Joseph, Mich. : ASAE, c1985. Agri-Mation 1 : proceedings, Agri-Mation 1 Conference & Exposition, Feb 25-28, 1985, Palmer House Hotel, Chicago, Illinois / sponsored by American Society of Agricultural Engineers and Society of Ma. p. 90-95. ill. Includes 3 references. (NAL Call No.: DNAL S671.3.A35 1985).

1076

Use of remote sensing to detect old man's beard in rangeland and citrus orchards in southern Texas.

JAPEDL. Everitt, J.H. Nixon, P.R. Springfield, Va. : Society of Photographic Scientists and Engineers. Journal of imaging technology. Oct 1984. v. 10 (5). p. 207-210. ill. Includes 7 references. (NAL Call No.: DNAL TR702.J6).

SOCIAL SCIENCES AND HUMANITIES

1077

Review of literature on herbicides, including phenoxy herbicides and associated dioxins / prepared for contracting officer's technical representative, Barclay M. Shepard ; submitted by JRB Associates.
Washington, D.C. Dept. of Medicine and Surgery, Veterans Administration (For sale by Supt. of Docs, U.S. G.P.O.) 1981. "October 1981"--P. 4 of cover ~"VA contract number: V101(93)P-823". 2 v. : ill. ; 28 cm. Includes bibliographies. (NAL Call No.: Z6724.C5R48).

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